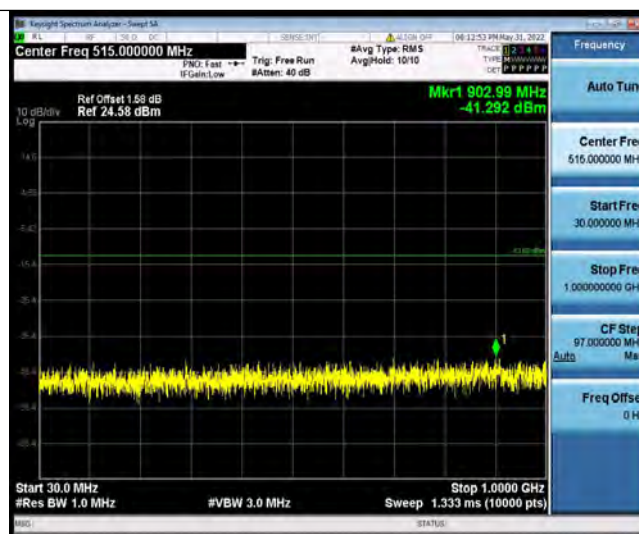
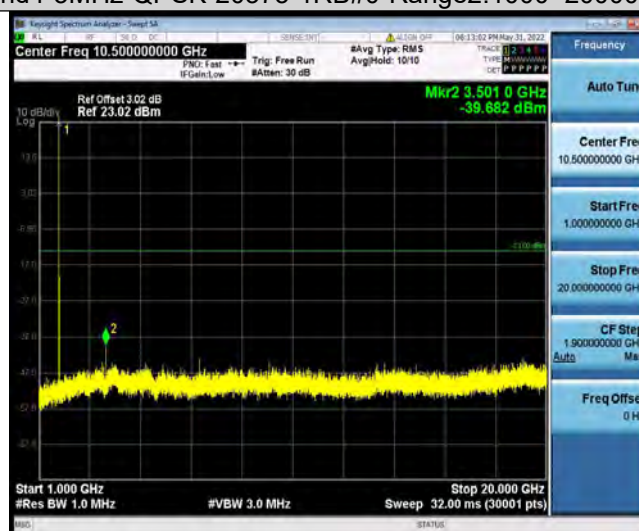
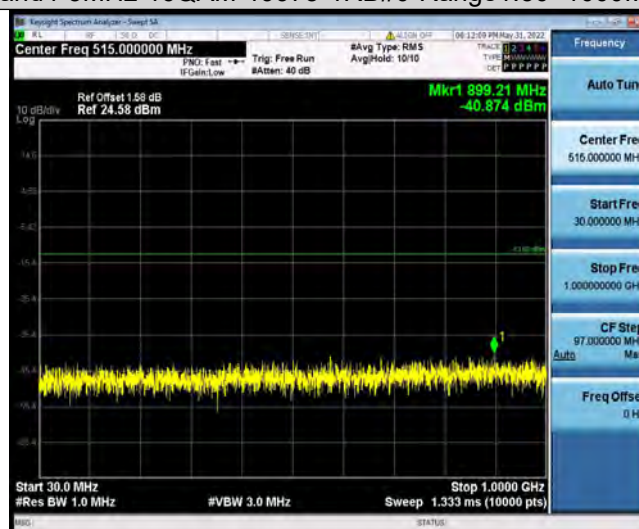




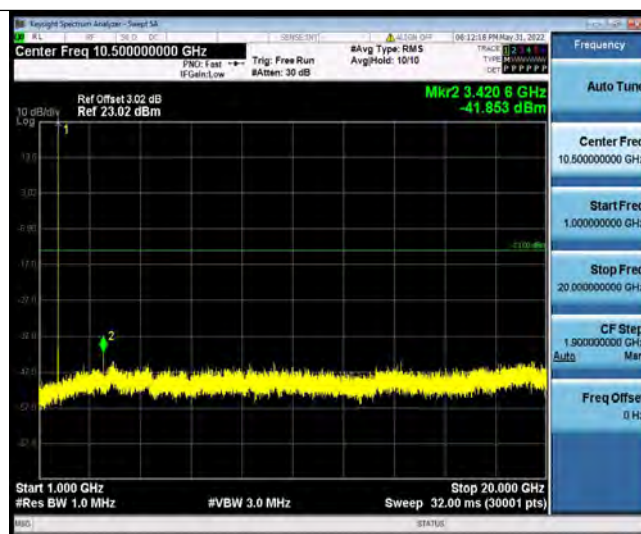
Band4-5MHz-QPSK-20375-1RB#0-Range2:1000~20000MHz



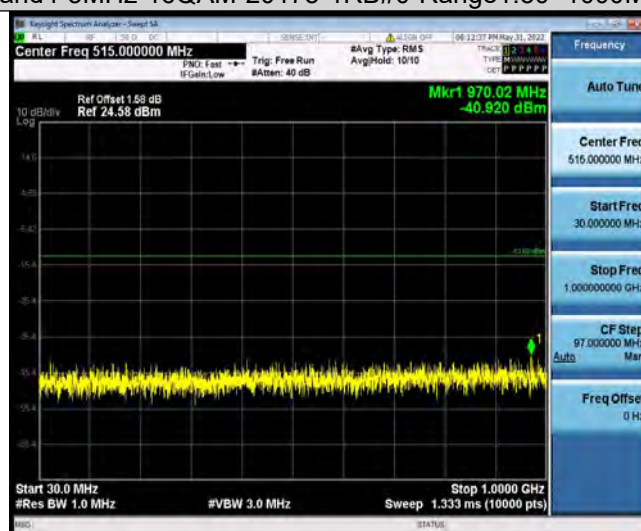
Band4-5MHz-16QAM-19975-1RB#0-Range1:30~1000MHz



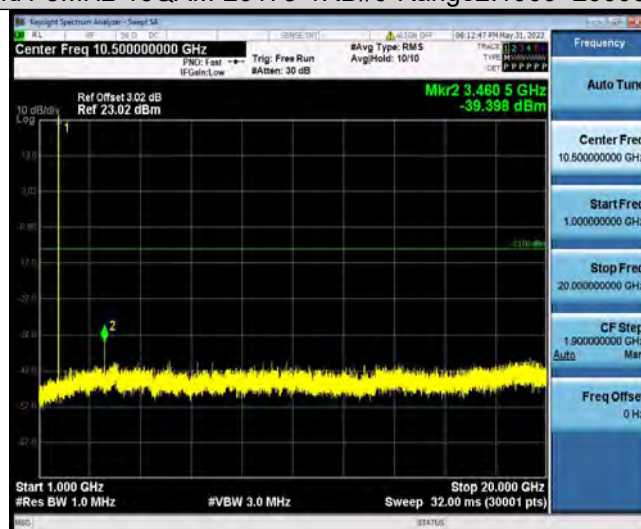
Band4-5MHz-16QAM-19975-1RB#0-Range2:1000~20000MHz



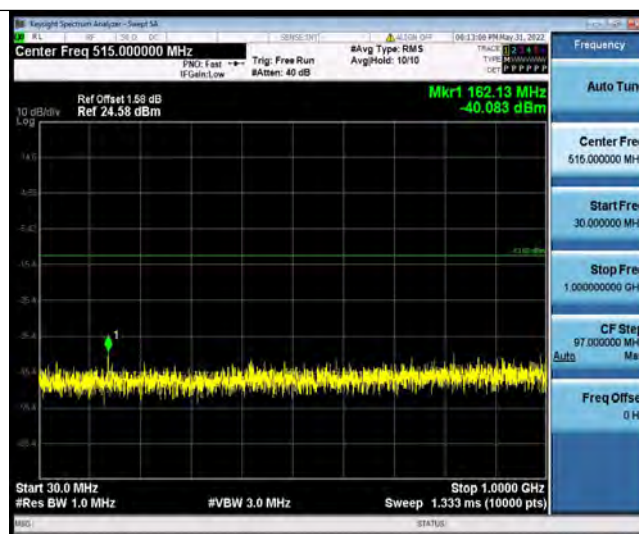
Band4-5MHz-16QAM-20175-1RB#0-Range1:30~1000MHz



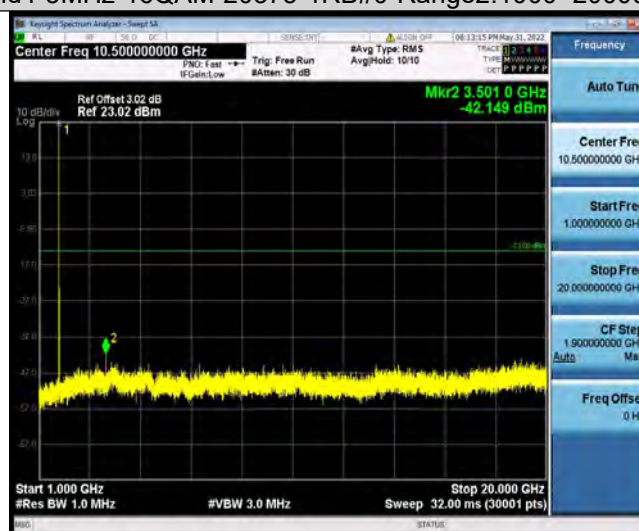
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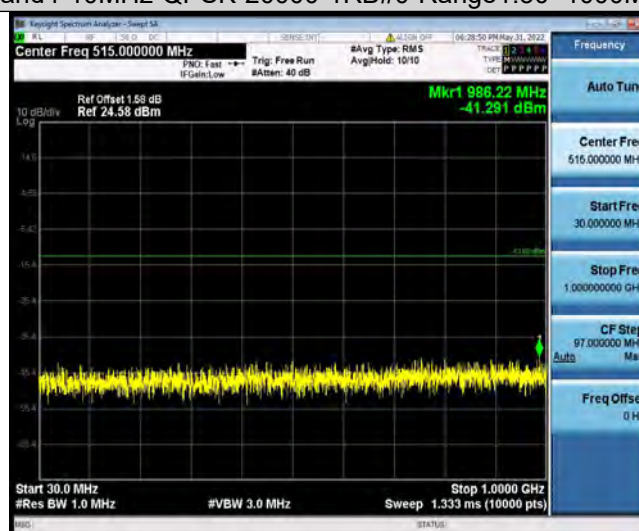
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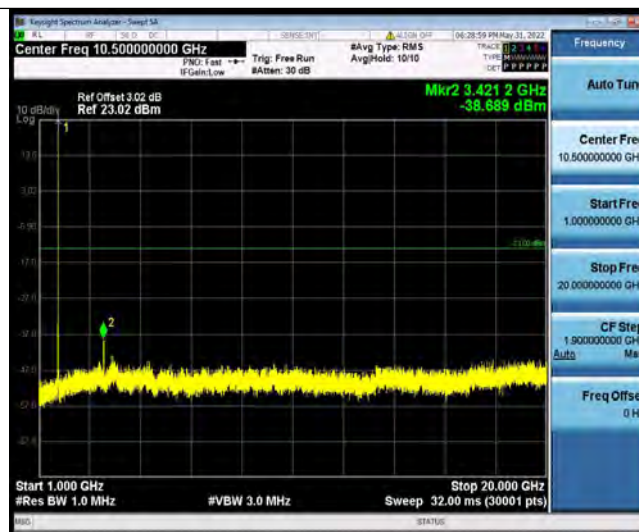
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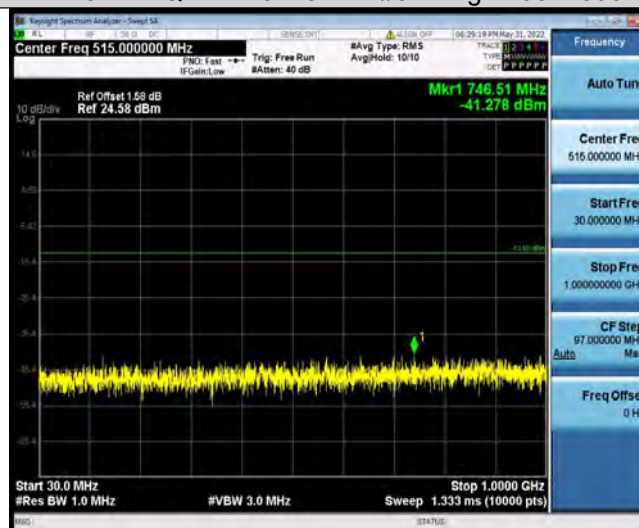
Band4-10MHz-QPSK-20000-1RB#0-Range1:30~1000MHz



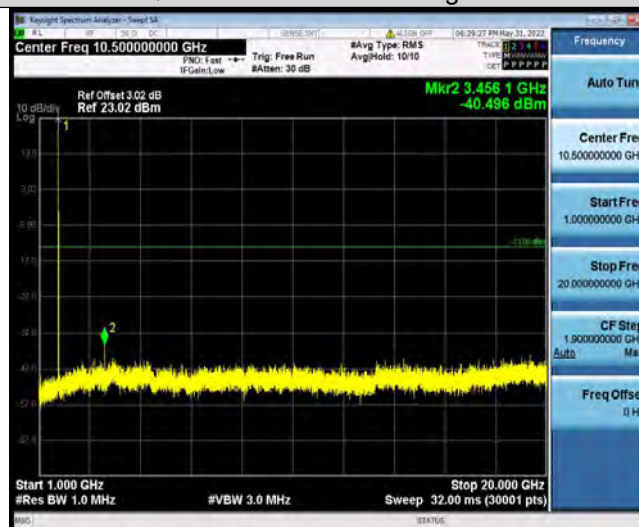
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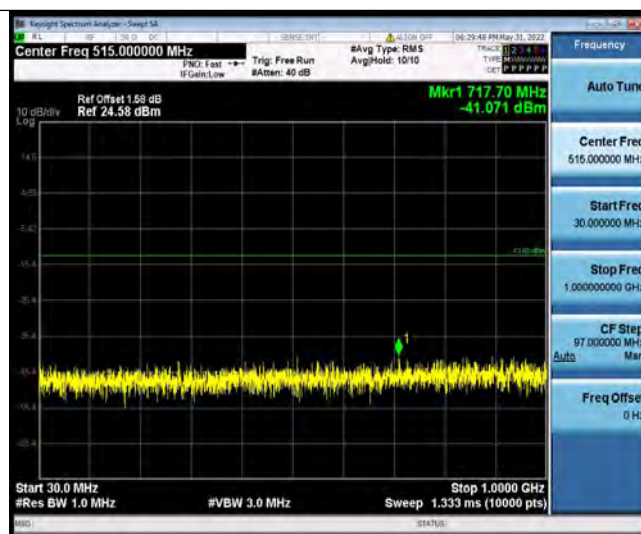
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Band4-10MHz-QPSK-20175-1RB#0-Range2:1000~20000MHz



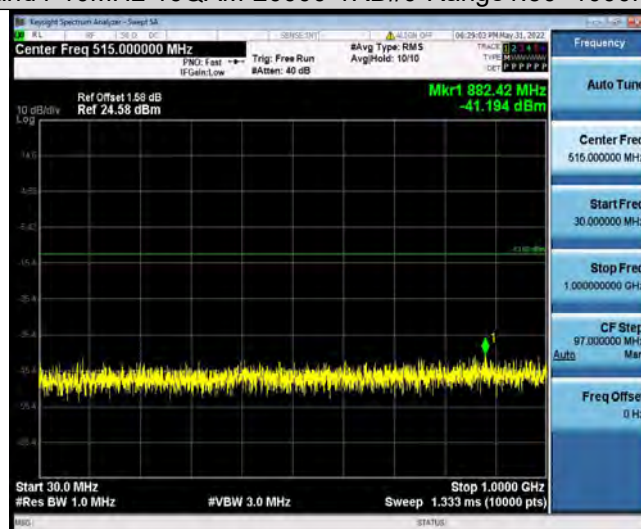
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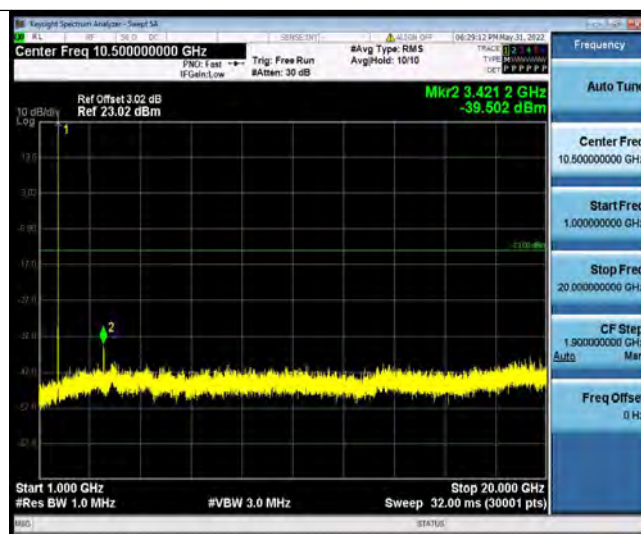
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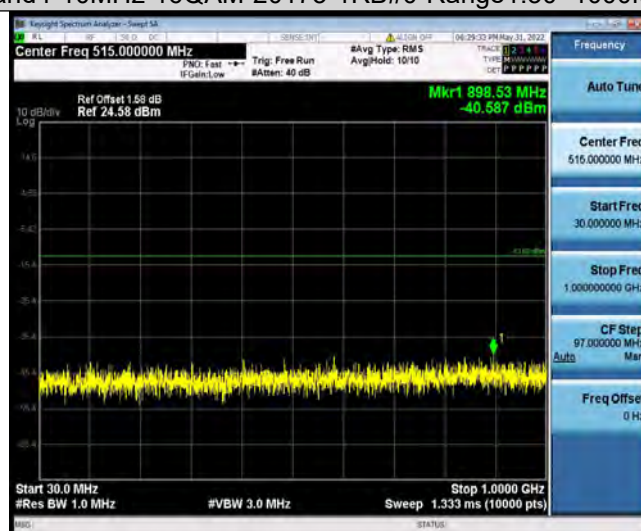
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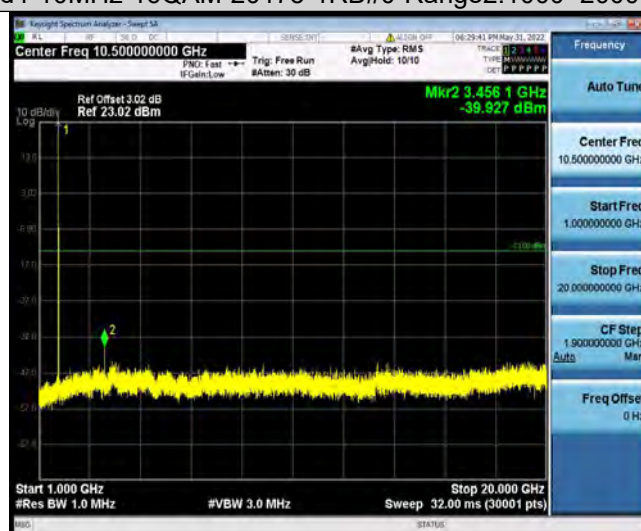
Band4-10MHz-16QAM-20000-1RB#0-Range2:1000~20000MHz



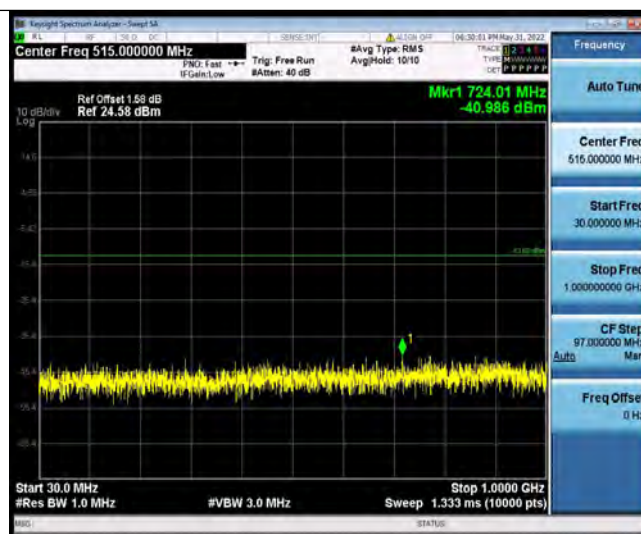
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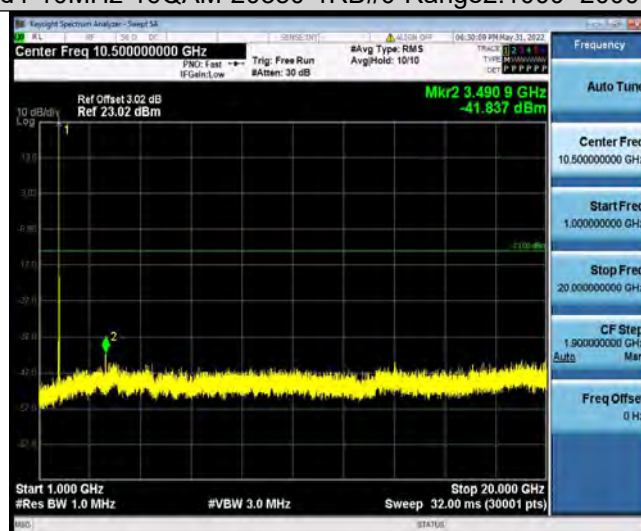
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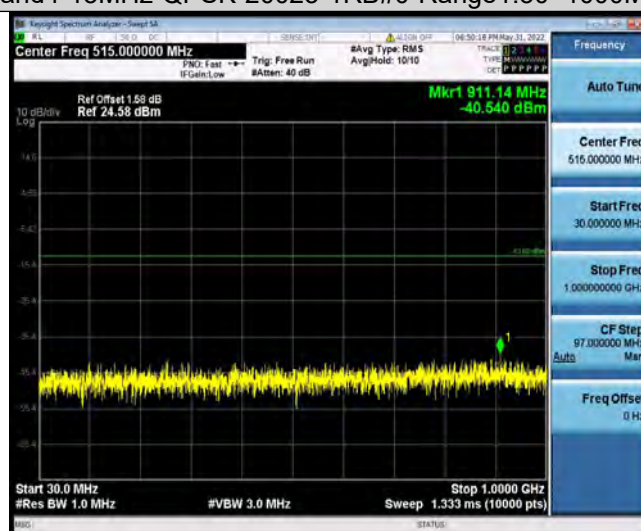
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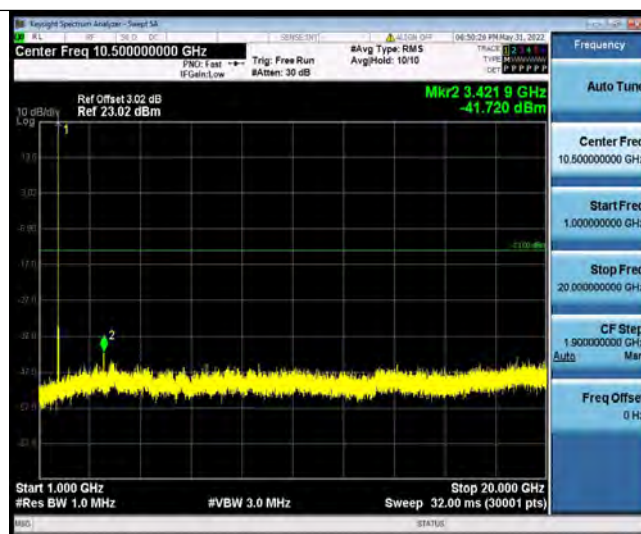
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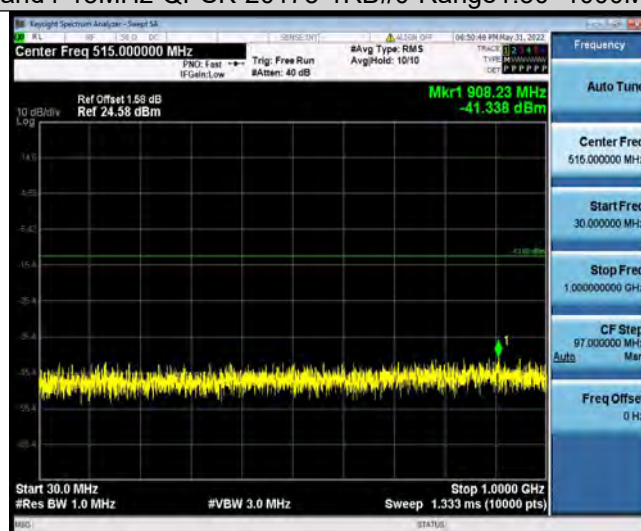
Band4-15MHz-QPSK-20025-1RB#0-Range1:30~1000MHz



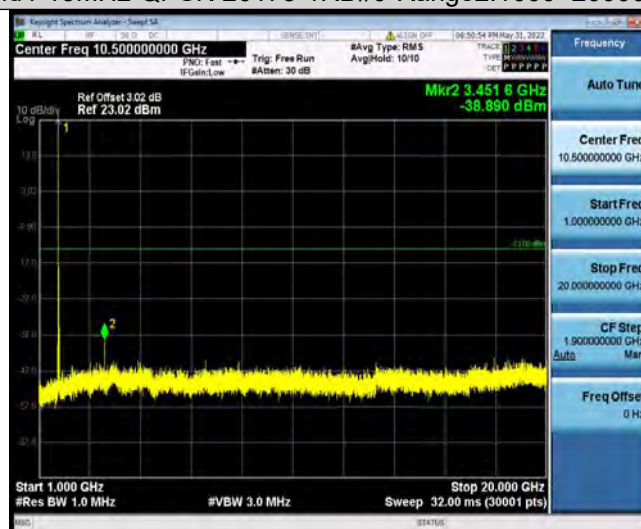
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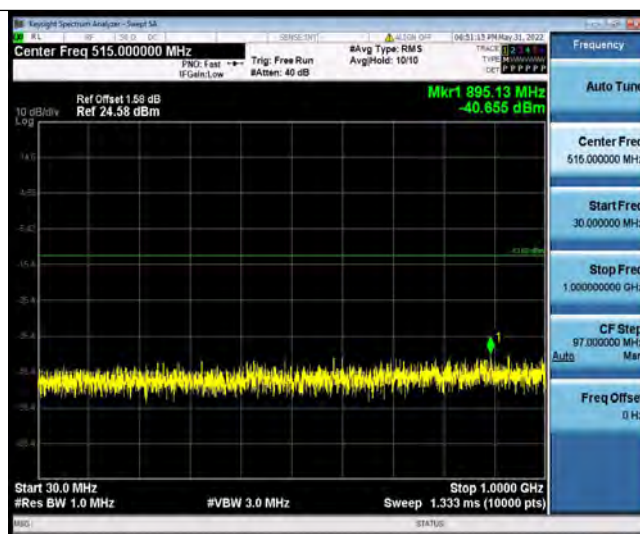
Band4-15MHz-QPSK-20175-1RB#0-Range1:30~1000MHz



Band4-15MHz-QPSK-20175-1RB#0-Range2:1000~20000MHz



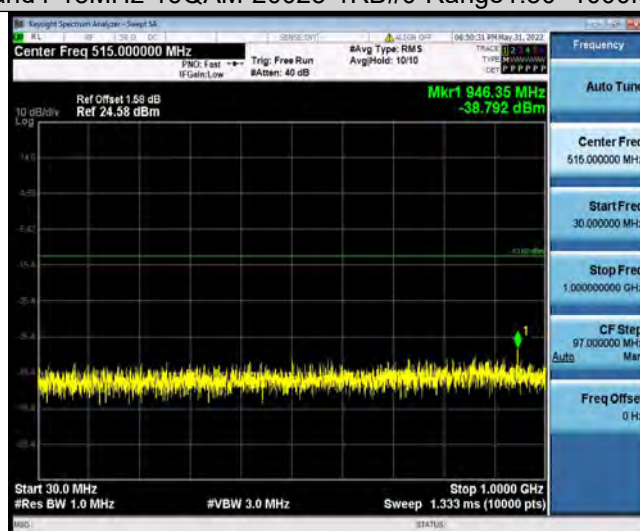
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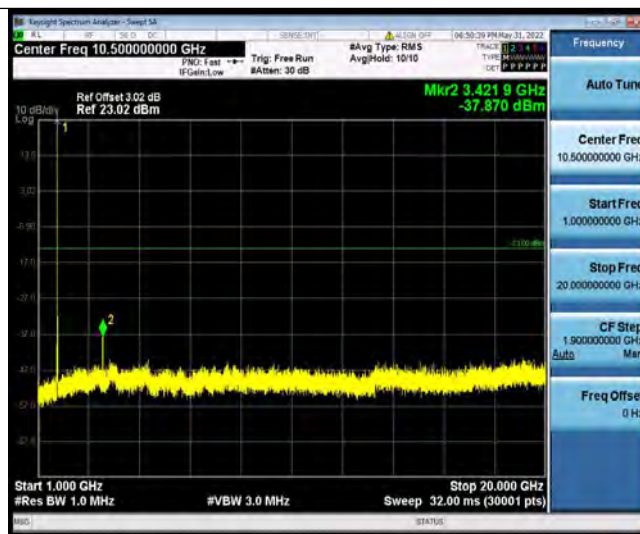
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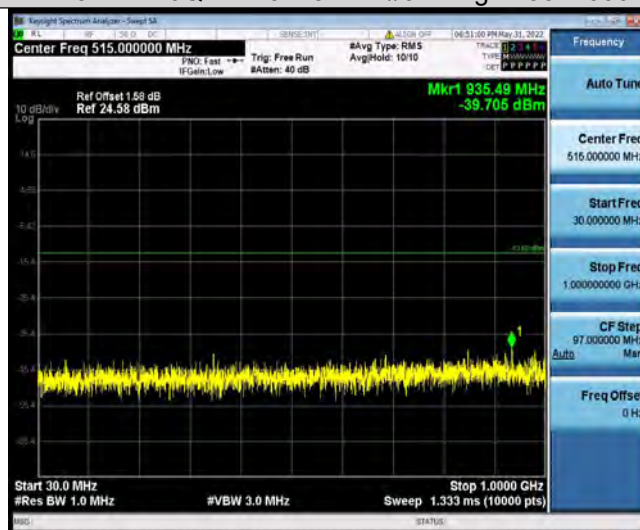
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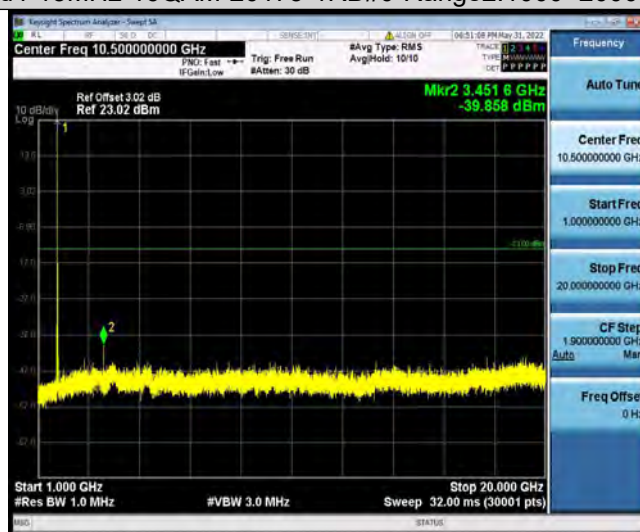
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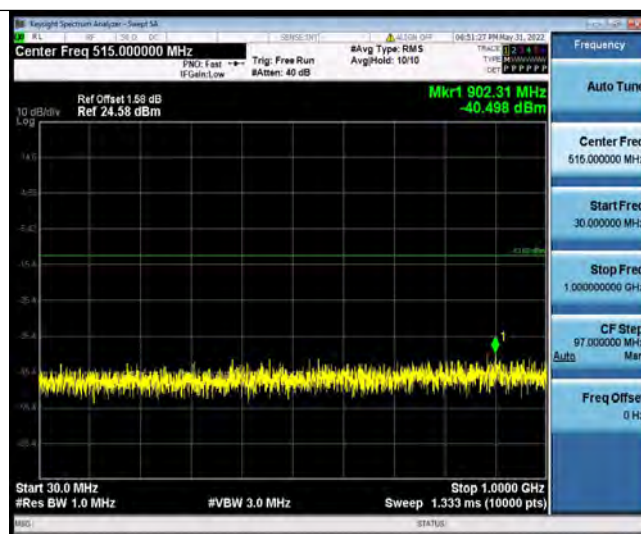
Band4-15MHz-16QAM-20175-1RB#0-Range1:30~1000MHz



Band4-15MHz-16QAM-20175-1RB#0-Range2:1000~20000MHz



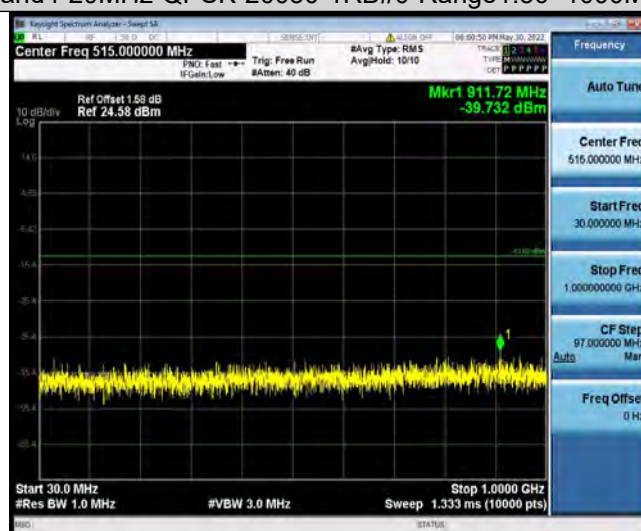
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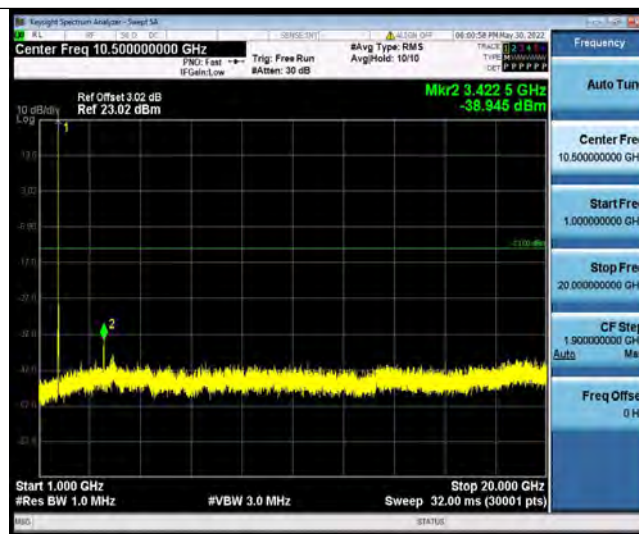
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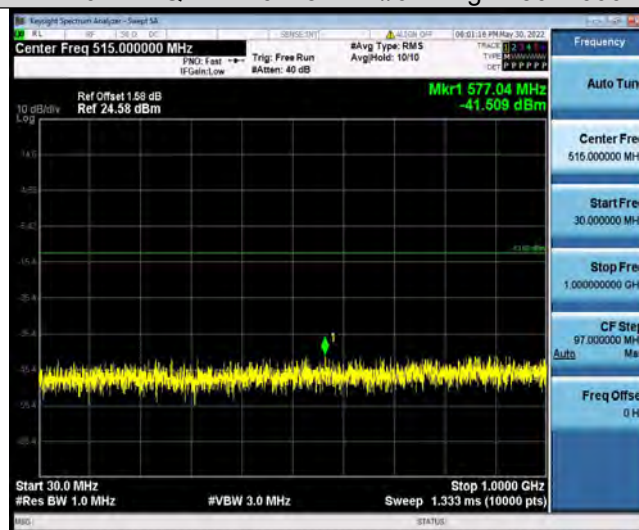
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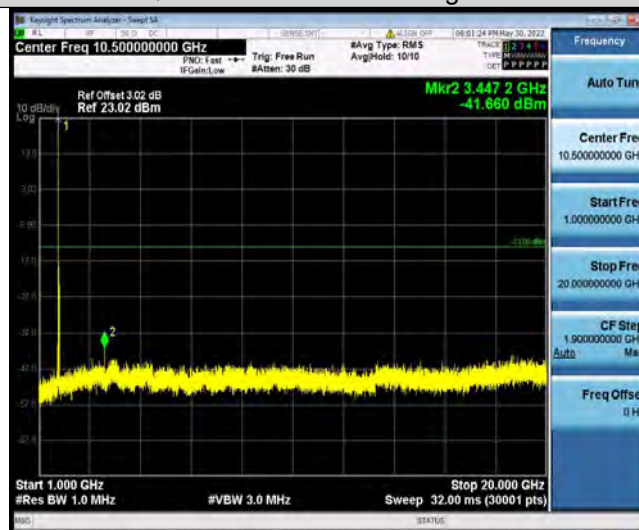
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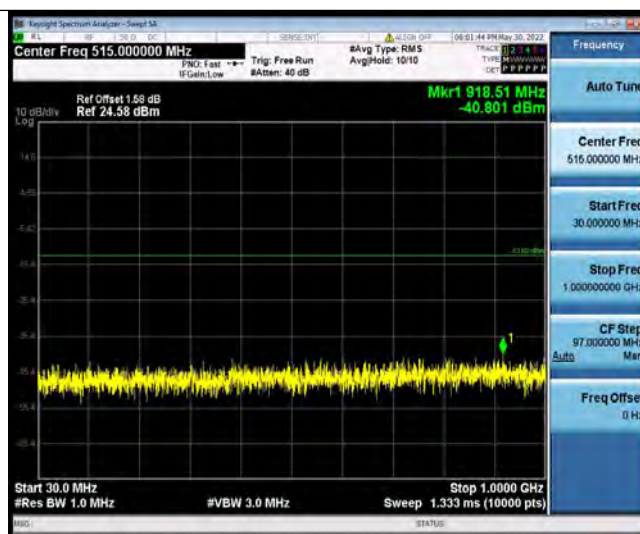
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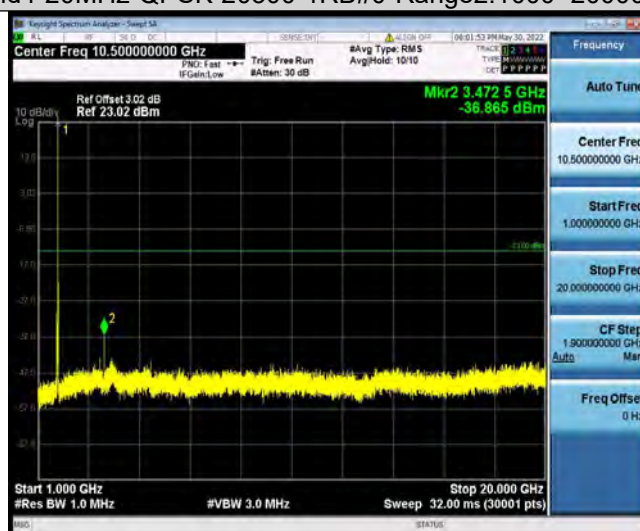
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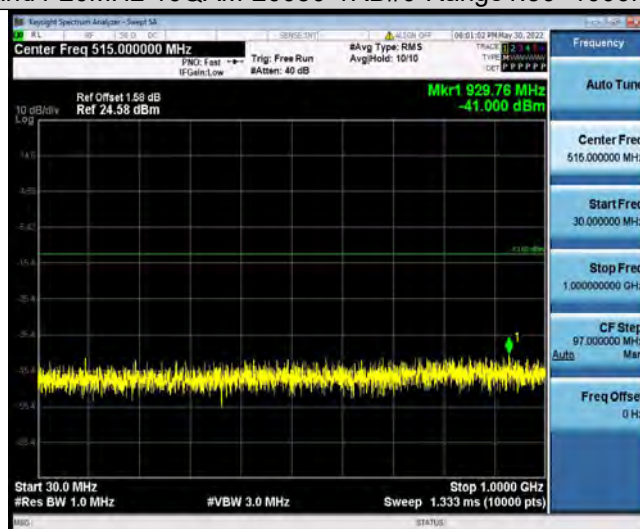
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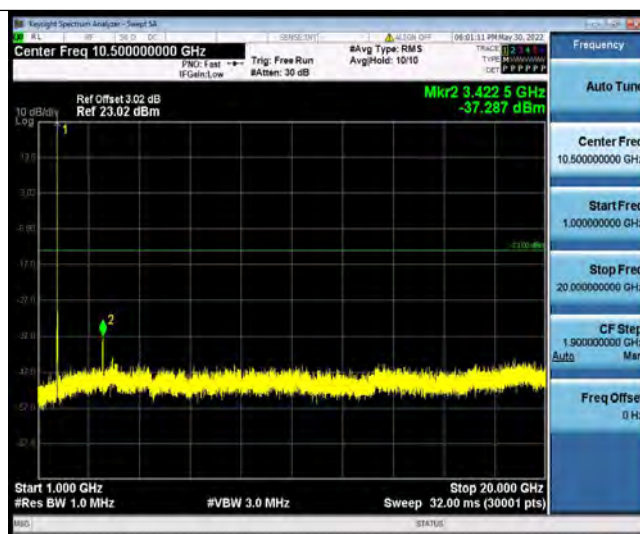
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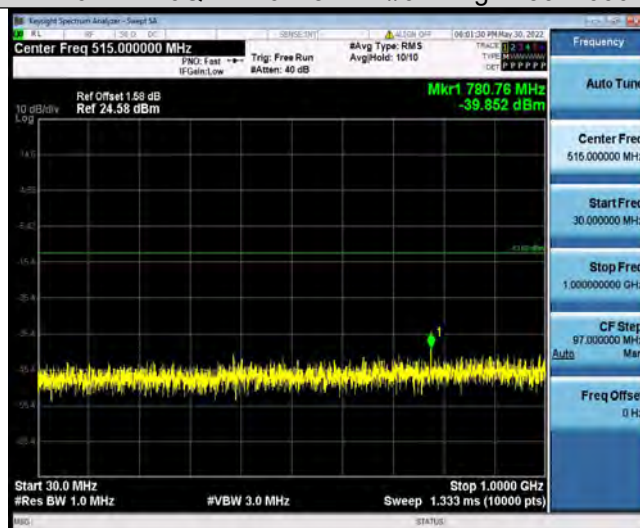
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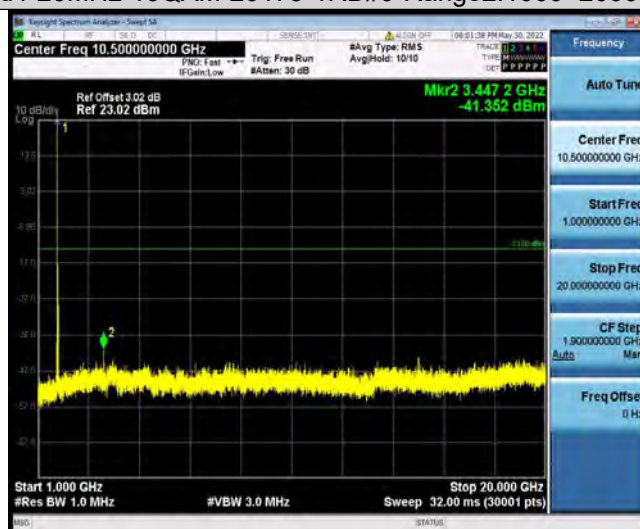
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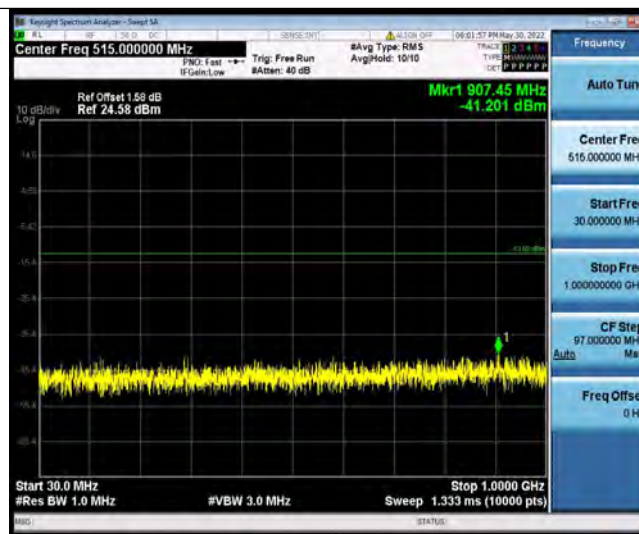
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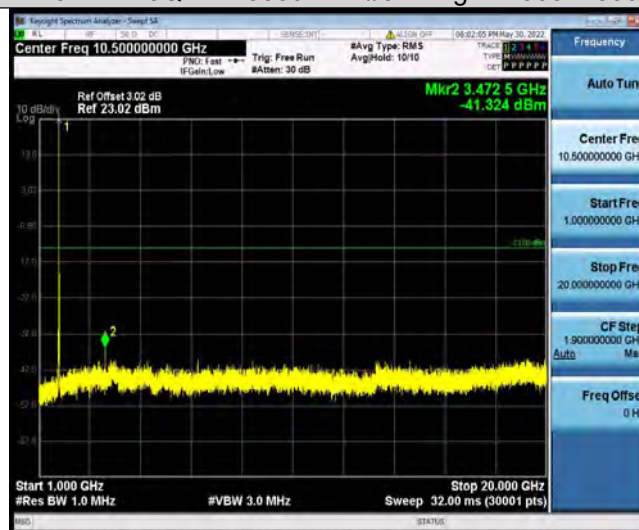
Band4-20MHz-16QAM-20175-1RB#0-Range2:1000~20000MHz



Band4-20MHz-16QAM-20300-1RB#0-Range1:30~1000MHz



Band4-20MHz-16QAM-20300-1RB#0-Range2:1000~20000MHz



FREQUENCY STABILITY

Test Result

Voltage										
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band4	1.4MHz	QPSK	19957	6RB#0	VL	NT	7.44	0.004349	±2.5	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	VN	NT	4.98	0.002911	±2.5	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	VH	NT	4.12	0.002408	±2.5	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	VL	NT	2.53	0.001460	±2.5	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	VN	NT	-3.35	-0.001934	±2.5	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	VH	NT	3.93	0.002268	±2.5	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	VL	NT	-3.25	-0.001853	±2.5	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	VN	NT	-5.44	-0.003101	±2.5	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	VH	NT	-3.29	-0.001875	±2.5	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	VL	NT	6.58	0.003846	±2.5	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	VN	NT	7.27	0.004250	±2.5	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	VH	NT	4.94	0.002888	±2.5	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	VL	NT	2.86	0.001651	±2.5	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	VN	NT	-2.62	-0.001512	±2.5	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	VH	NT	-2.65	-0.001530	±2.5	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	VL	NT	-5.91	-0.003369	±2.5	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	VN	NT	-7.54	-0.004298	±2.5	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	VH	NT	-6.57	-0.003745	±2.5	PASS
Band4	3MHz	QPSK	19965	15RB#0	VL	NT	-3.99	-0.002331	±2.5	PASS
Band4	3MHz	QPSK	19965	15RB#0	VN	NT	4.78	0.002793	±2.5	PASS
Band4	3MHz	QPSK	19965	15RB#0	VH	NT	3.72	0.002174	±2.5	PASS
Band4	3MHz	QPSK	20175	15RB#0	VL	NT	4.43	0.002557	±2.5	PASS
Band4	3MHz	QPSK	20175	15RB#0	VN	NT	-6.01	-0.003469	±2.5	PASS
Band4	3MHz	QPSK	20175	15RB#0	VH	NT	-3.32	-0.001916	±2.5	PASS
Band4	3MHz	QPSK	20385	15RB#0	VL	NT	5.36	0.003057	±2.5	PASS
Band4	3MHz	QPSK	20385	15RB#0	VN	NT	6.01	0.003427	±2.5	PASS
Band4	3MHz	QPSK	20385	15RB#0	VH	NT	-1.44	-0.000821	±2.5	PASS
Band4	3MHz	16QAM	19965	15RB#0	VL	NT	3.42	0.001998	±2.5	PASS
Band4	3MHz	16QAM	19965	15RB#0	VN	NT	2.88	0.001683	±2.5	PASS
Band4	3MHz	16QAM	19965	15RB#0	VH	NT	-4.05	-0.002366	±2.5	PASS
Band4	3MHz	16QAM	20175	15RB#0	VL	NT	2.79	0.001610	±2.5	PASS
Band4	3MHz	16QAM	20175	15RB#0	VN	NT	3.29	0.001899	±2.5	PASS
Band4	3MHz	16QAM	20175	15RB#0	VH	NT	4.13	0.002384	±2.5	PASS
Band4	3MHz	16QAM	20385	15RB#0	VL	NT	-3.60	-0.002053	±2.5	PASS
Band4	3MHz	16QAM	20385	15RB#0	VN	NT	-2.49	-0.001420	±2.5	PASS
Band4	3MHz	16QAM	20385	15RB#0	VH	NT	-3.76	-0.002144	±2.5	PASS
Band4	5MHz	QPSK	19975	25RB#0	VL	NT	3.79	0.002213	±2.5	PASS
Band4	5MHz	QPSK	19975	25RB#0	VN	NT	2.60	0.001518	±2.5	PASS
Band4	5MHz	QPSK	19975	25RB#0	VH	NT	3.65	0.002131	±2.5	PASS
Band4	5MHz	QPSK	20175	25RB#0	VL	NT	3.28	0.001893	±2.5	PASS



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VERITAS

Test Report No.: W7L-P22110018RF03

Band4	5MHz	QPSK	20175	25RB#0	VN	NT	4.36	0.002517	±2.5	PASS
Band4	5MHz	QPSK	20175	25RB#0	VH	NT	3.10	0.001789	±2.5	PASS
Band4	5MHz	QPSK	20375	25RB#0	VL	NT	-6.02	-0.003435	±2.5	PASS
Band4	5MHz	QPSK	20375	25RB#0	VN	NT	-6.85	-0.003909	±2.5	PASS
Band4	5MHz	QPSK	20375	25RB#0	VH	NT	-3.15	-0.001797	±2.5	PASS
Band4	5MHz	16QAM	19975	25RB#0	VL	NT	4.18	0.002441	±2.5	PASS
Band4	5MHz	16QAM	19975	25RB#0	VN	NT	4.46	0.002604	±2.5	PASS
Band4	5MHz	16QAM	19975	25RB#0	VH	NT	-2.93	-0.001711	±2.5	PASS
Band4	5MHz	16QAM	20175	25RB#0	VL	NT	-4.05	-0.002338	±2.5	PASS
Band4	5MHz	16QAM	20175	25RB#0	VN	NT	-2.83	-0.001633	±2.5	PASS
Band4	5MHz	16QAM	20175	25RB#0	VH	NT	-3.60	-0.002078	±2.5	PASS
Band4	5MHz	16QAM	20375	25RB#0	VL	NT	-7.25	-0.004137	±2.5	PASS
Band4	5MHz	16QAM	20375	25RB#0	VN	NT	-5.49	-0.003133	±2.5	PASS
Band4	5MHz	16QAM	20375	25RB#0	VH	NT	-7.07	-0.004034	±2.5	PASS
Band4	10MHz	QPSK	20000	50RB#0	VL	NT	-6.92	-0.004035	±2.5	PASS
Band4	10MHz	QPSK	20000	50RB#0	VN	NT	-5.99	-0.003493	±2.5	PASS
Band4	10MHz	QPSK	20000	50RB#0	VH	NT	-5.48	-0.003195	±2.5	PASS
Band4	10MHz	QPSK	20175	50RB#0	VL	NT	4.22	0.002436	±2.5	PASS
Band4	10MHz	QPSK	20175	50RB#0	VN	NT	-3.20	-0.001847	±2.5	PASS
Band4	10MHz	QPSK	20175	50RB#0	VH	NT	3.76	0.002170	±2.5	PASS
Band4	10MHz	QPSK	20350	50RB#0	VL	NT	4.65	0.002657	±2.5	PASS
Band4	10MHz	QPSK	20350	50RB#0	VN	NT	4.78	0.002731	±2.5	PASS
Band4	10MHz	QPSK	20350	50RB#0	VH	NT	3.83	0.002189	±2.5	PASS
Band4	10MHz	16QAM	20000	50RB#0	VL	NT	-3.99	-0.002327	±2.5	PASS
Band4	10MHz	16QAM	20000	50RB#0	VN	NT	-6.22	-0.003627	±2.5	PASS
Band4	10MHz	16QAM	20000	50RB#0	VH	NT	-3.52	-0.002052	±2.5	PASS
Band4	10MHz	16QAM	20175	50RB#0	VL	NT	2.92	0.001685	±2.5	PASS
Band4	10MHz	16QAM	20175	50RB#0	VN	NT	-3.85	-0.002222	±2.5	PASS
Band4	10MHz	16QAM	20175	50RB#0	VH	NT	-3.50	-0.002020	±2.5	PASS
Band4	10MHz	16QAM	20350	50RB#0	VL	NT	2.82	0.001611	±2.5	PASS
Band4	10MHz	16QAM	20350	50RB#0	VN	NT	3.48	0.001989	±2.5	PASS
Band4	10MHz	16QAM	20350	50RB#0	VH	NT	5.15	0.002943	±2.5	PASS
Band4	15MHz	QPSK	20025	75RB#0	VL	NT	3.48	0.002026	±2.5	PASS
Band4	15MHz	QPSK	20025	75RB#0	VN	NT	2.46	0.001432	±2.5	PASS
Band4	15MHz	QPSK	20025	75RB#0	VH	NT	3.03	0.001764	±2.5	PASS
Band4	15MHz	QPSK	20175	75RB#0	VL	NT	-4.43	-0.002557	±2.5	PASS
Band4	15MHz	QPSK	20175	75RB#0	VN	NT	-3.60	-0.002078	±2.5	PASS
Band4	15MHz	QPSK	20175	75RB#0	VH	NT	3.95	0.002280	±2.5	PASS
Band4	15MHz	QPSK	20325	75RB#0	VL	NT	5.15	0.002947	±2.5	PASS
Band4	15MHz	QPSK	20325	75RB#0	VN	NT	-3.73	-0.002134	±2.5	PASS
Band4	15MHz	QPSK	20325	75RB#0	VH	NT	2.79	0.001597	±2.5	PASS
Band4	15MHz	16QAM	20025	75RB#0	VL	NT	2.83	0.001648	±2.5	PASS
Band4	15MHz	16QAM	20025	75RB#0	VN	NT	2.95	0.001718	±2.5	PASS
Band4	15MHz	16QAM	20025	75RB#0	VH	NT	3.48	0.002026	±2.5	PASS
Band4	15MHz	16QAM	20175	75RB#0	VL	NT	3.66	0.002113	±2.5	PASS
Band4	15MHz	16QAM	20175	75RB#0	VN	NT	-1.87	-0.001079	±2.5	PASS
Band4	15MHz	16QAM	20175	75RB#0	VH	NT	3.71	0.002141	±2.5	PASS
Band4	15MHz	16QAM	20325	75RB#0	VL	NT	-5.69	-0.003256	±2.5	PASS
Band4	15MHz	16QAM	20325	75RB#0	VN	NT	7.08	0.004052	±2.5	PASS
Band4	15MHz	16QAM	20325	75RB#0	VH	NT	3.25	0.001860	±2.5	PASS
Band4	20MHz	QPSK	20050	100RB#0	VL	NT	4.08	0.002372	±2.5	PASS



BUREAU
VERITAS

Test Report No.: W7L-P22110018RF03

Band4	20MHz	QPSK	20050	100RB#0	VN	NT	6.82	0.003965	±2.5	PASS
Band4	20MHz	QPSK	20050	100RB#0	VH	NT	6.07	0.003529	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	VL	NT	-2.98	-0.001720	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	VN	NT	3.93	0.002268	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	VH	NT	2.93	0.001691	±2.5	PASS
Band4	20MHz	QPSK	20300	100RB#0	VL	NT	-3.79	-0.002172	±2.5	PASS
Band4	20MHz	QPSK	20300	100RB#0	VN	NT	-5.84	-0.003347	±2.5	PASS
Band4	20MHz	QPSK	20300	100RB#0	VH	NT	-4.81	-0.002756	±2.5	PASS
Band4	20MHz	16QAM	20050	100RB#0	VL	NT	4.63	0.002692	±2.5	PASS
Band4	20MHz	16QAM	20050	100RB#0	VN	NT	6.27	0.003645	±2.5	PASS
Band4	20MHz	16QAM	20050	100RB#0	VH	NT	4.13	0.002401	±2.5	PASS
Band4	20MHz	16QAM	20175	100RB#0	VL	NT	-2.69	-0.001553	±2.5	PASS
Band4	20MHz	16QAM	20175	100RB#0	VN	NT	2.39	0.001380	±2.5	PASS
Band4	20MHz	16QAM	20175	100RB#0	VH	NT	-3.15	-0.001818	±2.5	PASS
Band4	20MHz	16QAM	20300	100RB#0	VL	NT	-4.38	-0.002510	±2.5	PASS
Band4	20MHz	16QAM	20300	100RB#0	VN	NT	-5.42	-0.003106	±2.5	PASS
Band4	20MHz	16QAM	20300	100RB#0	VH	NT	-5.04	-0.002888	±2.5	PASS

Temperature										
Band	Bandwidth	Modulation	Channel	RB Configuration	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band4	1.4MHz	QPSK	19957	6RB#0	NV	-30	6.24	0.003648	±2.5	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	NV	-20	4.68	0.002736	±2.5	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	NV	0	3.23	0.001888	±2.5	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	NV	10	4.33	0.002531	±2.5	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	NV	20	4.69	0.002742	±2.5	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	NV	30	6.90	0.004033	±2.5	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	NV	40	4.26	0.002490	±2.5	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	NV	50	3.91	0.002286	±2.5	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	NV	-30	-2.69	-0.001553	±2.5	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	NV	-20	4.96	0.002863	±2.5	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	NV	0	-4.12	-0.002378	±2.5	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	NV	10	4.89	0.002823	±2.5	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	NV	20	-3.69	-0.002130	±2.5	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	NV	30	3.15	0.001818	±2.5	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	NV	40	-4.05	-0.002338	±2.5	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	NV	50	2.80	0.001616	±2.5	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	NV	-30	-4.72	-0.002691	±2.5	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	NV	-20	-4.88	-0.002782	±2.5	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	NV	0	-4.12	-0.002349	±2.5	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	NV	10	-7.01	-0.003996	±2.5	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	NV	20	-6.79	-0.003870	±2.5	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	NV	30	-5.35	-0.003050	±2.5	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	NV	40	-4.28	-0.002440	±2.5	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	NV	50	-4.33	-0.002468	±2.5	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	NV	-30	4.73	0.002765	±2.5	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	NV	-20	4.82	0.002818	±2.5	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	NV	0	-3.95	-0.002309	±2.5	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	NV	10	5.55	0.003244	±2.5	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	NV	20	5.65	0.003303	±2.5	PASS



**BUREAU
VERITAS**

Test Report No.: W7L-P22110018RF03

Band4	1.4MHz	16QAM	19957	6RB#0	NV	30	4.81	0.002812	±2.5	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	NV	40	6.48	0.003788	±2.5	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	NV	50	4.12	0.002408	±2.5	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	NV	-30	-3.91	-0.002257	±2.5	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	NV	-20	-3.06	-0.001766	±2.5	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	NV	0	3.35	0.001934	±2.5	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	NV	10	-3.63	-0.002095	±2.5	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	NV	20	3.46	0.001997	±2.5	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	NV	30	3.82	0.002205	±2.5	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	NV	40	-2.93	-0.001691	±2.5	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	NV	50	3.06	0.001766	±2.5	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	NV	-30	-5.89	-0.003357	±2.5	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	NV	-20	-4.29	-0.002445	±2.5	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	NV	0	-5.08	-0.002896	±2.5	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	NV	10	-4.01	-0.002286	±2.5	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	NV	20	-6.22	-0.003546	±2.5	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	NV	30	-6.14	-0.003500	±2.5	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	NV	40	-5.98	-0.003409	±2.5	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	NV	50	-4.39	-0.002502	±2.5	PASS
Band4	3MHz	QPSK	19965	15RB#0	NV	-30	-2.78	-0.001624	±2.5	PASS
Band4	3MHz	QPSK	19965	15RB#0	NV	-20	2.60	0.001519	±2.5	PASS
Band4	3MHz	QPSK	19965	15RB#0	NV	0	2.17	0.001268	±2.5	PASS
Band4	3MHz	QPSK	19965	15RB#0	NV	10	-3.83	-0.002238	±2.5	PASS
Band4	3MHz	QPSK	19965	15RB#0	NV	20	-4.38	-0.002559	±2.5	PASS
Band4	3MHz	QPSK	19965	15RB#0	NV	30	3.62	0.002115	±2.5	PASS
Band4	3MHz	QPSK	19965	15RB#0	NV	40	-4.02	-0.002349	±2.5	PASS
Band4	3MHz	QPSK	19965	15RB#0	NV	50	3.52	0.002057	±2.5	PASS
Band4	3MHz	QPSK	20175	15RB#0	NV	-30	4.05	0.002338	±2.5	PASS
Band4	3MHz	QPSK	20175	15RB#0	NV	-20	3.46	0.001997	±2.5	PASS
Band4	3MHz	QPSK	20175	15RB#0	NV	0	3.06	0.001766	±2.5	PASS
Band4	3MHz	QPSK	20175	15RB#0	NV	10	-5.25	-0.003030	±2.5	PASS
Band4	3MHz	QPSK	20175	15RB#0	NV	20	2.73	0.001576	±2.5	PASS
Band4	3MHz	QPSK	20175	15RB#0	NV	30	-1.59	-0.000918	±2.5	PASS
Band4	3MHz	QPSK	20175	15RB#0	NV	40	3.28	0.001893	±2.5	PASS
Band4	3MHz	QPSK	20175	15RB#0	NV	50	3.93	0.002268	±2.5	PASS
Band4	3MHz	QPSK	20385	15RB#0	NV	-30	4.35	0.002481	±2.5	PASS
Band4	3MHz	QPSK	20385	15RB#0	NV	-20	-3.79	-0.002161	±2.5	PASS
Band4	3MHz	QPSK	20385	15RB#0	NV	0	3.20	0.001825	±2.5	PASS
Band4	3MHz	QPSK	20385	15RB#0	NV	10	-3.00	-0.001711	±2.5	PASS
Band4	3MHz	QPSK	20385	15RB#0	NV	20	4.23	0.002412	±2.5	PASS
Band4	3MHz	QPSK	20385	15RB#0	NV	30	4.28	0.002441	±2.5	PASS
Band4	3MHz	QPSK	20385	15RB#0	NV	40	3.29	0.001876	±2.5	PASS
Band4	3MHz	QPSK	20385	15RB#0	NV	50	-3.66	-0.002087	±2.5	PASS
Band4	3MHz	16QAM	19965	15RB#0	NV	-30	-3.45	-0.002016	±2.5	PASS
Band4	3MHz	16QAM	19965	15RB#0	NV	-20	4.02	0.002349	±2.5	PASS
Band4	3MHz	16QAM	19965	15RB#0	NV	0	4.72	0.002758	±2.5	PASS
Band4	3MHz	16QAM	19965	15RB#0	NV	10	2.33	0.001361	±2.5	PASS
Band4	3MHz	16QAM	19965	15RB#0	NV	20	-3.49	-0.002039	±2.5	PASS
Band4	3MHz	16QAM	19965	15RB#0	NV	30	5.25	0.003067	±2.5	PASS
Band4	3MHz	16QAM	19965	15RB#0	NV	40	5.42	0.003167	±2.5	PASS
Band4	3MHz	16QAM	19965	15RB#0	NV	50	3.69	0.002156	±2.5	PASS



**BUREAU
VERITAS**

Test Report No.: W7L-P22110018RF03

Band4	3MHz	16QAM	20175	15RB#0	NV	-30	3.32	0.001916	±2.5	PASS
Band4	3MHz	16QAM	20175	15RB#0	NV	-20	-4.61	-0.002661	±2.5	PASS
Band4	3MHz	16QAM	20175	15RB#0	NV	0	3.53	0.002038	±2.5	PASS
Band4	3MHz	16QAM	20175	15RB#0	NV	10	-3.12	-0.001801	±2.5	PASS
Band4	3MHz	16QAM	20175	15RB#0	NV	20	2.79	0.001610	±2.5	PASS
Band4	3MHz	16QAM	20175	15RB#0	NV	30	4.55	0.002626	±2.5	PASS
Band4	3MHz	16QAM	20175	15RB#0	NV	40	3.91	0.002257	±2.5	PASS
Band4	3MHz	16QAM	20175	15RB#0	NV	50	-2.76	-0.001593	±2.5	PASS
Band4	3MHz	16QAM	20385	15RB#0	NV	-30	3.18	0.001814	±2.5	PASS
Band4	3MHz	16QAM	20385	15RB#0	NV	-20	3.63	0.002070	±2.5	PASS
Band4	3MHz	16QAM	20385	15RB#0	NV	0	3.83	0.002184	±2.5	PASS
Band4	3MHz	16QAM	20385	15RB#0	NV	10	-3.42	-0.001950	±2.5	PASS
Band4	3MHz	16QAM	20385	15RB#0	NV	20	-6.59	-0.003758	±2.5	PASS
Band4	3MHz	16QAM	20385	15RB#0	NV	30	2.72	0.001551	±2.5	PASS
Band4	3MHz	16QAM	20385	15RB#0	NV	40	4.72	0.002692	±2.5	PASS
Band4	3MHz	16QAM	20385	15RB#0	NV	50	5.85	0.003336	±2.5	PASS
Band4	5MHz	QPSK	19975	25RB#0	NV	-30	4.41	0.002575	±2.5	PASS
Band4	5MHz	QPSK	19975	25RB#0	NV	-20	4.88	0.002850	±2.5	PASS
Band4	5MHz	QPSK	19975	25RB#0	NV	0	3.12	0.001822	±2.5	PASS
Band4	5MHz	QPSK	19975	25RB#0	NV	10	-2.98	-0.001740	±2.5	PASS
Band4	5MHz	QPSK	19975	25RB#0	NV	20	6.75	0.003942	±2.5	PASS
Band4	5MHz	QPSK	19975	25RB#0	NV	30	4.12	0.002406	±2.5	PASS
Band4	5MHz	QPSK	19975	25RB#0	NV	40	5.31	0.003101	±2.5	PASS
Band4	5MHz	QPSK	19975	25RB#0	NV	50	-2.27	-0.001326	±2.5	PASS
Band4	5MHz	QPSK	20175	25RB#0	NV	-30	-4.79	-0.002765	±2.5	PASS
Band4	5MHz	QPSK	20175	25RB#0	NV	-20	4.21	0.002430	±2.5	PASS
Band4	5MHz	QPSK	20175	25RB#0	NV	0	-4.92	-0.002840	±2.5	PASS
Band4	5MHz	QPSK	20175	25RB#0	NV	10	2.80	0.001616	±2.5	PASS
Band4	5MHz	QPSK	20175	25RB#0	NV	20	4.56	0.002632	±2.5	PASS
Band4	5MHz	QPSK	20175	25RB#0	NV	30	-3.40	-0.001962	±2.5	PASS
Band4	5MHz	QPSK	20175	25RB#0	NV	40	-1.96	-0.001131	±2.5	PASS
Band4	5MHz	QPSK	20175	25RB#0	NV	50	2.03	0.001172	±2.5	PASS
Band4	5MHz	QPSK	20375	25RB#0	NV	-30	-5.52	-0.003150	±2.5	PASS
Band4	5MHz	QPSK	20375	25RB#0	NV	-20	-4.16	-0.002374	±2.5	PASS
Band4	5MHz	QPSK	20375	25RB#0	NV	0	-8.88	-0.005067	±2.5	PASS
Band4	5MHz	QPSK	20375	25RB#0	NV	10	-7.17	-0.004091	±2.5	PASS
Band4	5MHz	QPSK	20375	25RB#0	NV	20	-8.54	-0.004873	±2.5	PASS
Band4	5MHz	QPSK	20375	25RB#0	NV	30	-6.64	-0.003789	±2.5	PASS
Band4	5MHz	QPSK	20375	25RB#0	NV	40	-3.22	-0.001837	±2.5	PASS
Band4	5MHz	QPSK	20375	25RB#0	NV	50	-5.08	-0.002899	±2.5	PASS
Band4	5MHz	16QAM	19975	25RB#0	NV	-30	4.41	0.002575	±2.5	PASS
Band4	5MHz	16QAM	19975	25RB#0	NV	-20	6.02	0.003515	±2.5	PASS
Band4	5MHz	16QAM	19975	25RB#0	NV	0	3.88	0.002266	±2.5	PASS
Band4	5MHz	16QAM	19975	25RB#0	NV	10	4.56	0.002663	±2.5	PASS
Band4	5MHz	16QAM	19975	25RB#0	NV	20	4.58	0.002674	±2.5	PASS
Band4	5MHz	16QAM	19975	25RB#0	NV	30	4.46	0.002604	±2.5	PASS
Band4	5MHz	16QAM	19975	25RB#0	NV	40	4.81	0.002809	±2.5	PASS
Band4	5MHz	16QAM	19975	25RB#0	NV	50	2.90	0.001693	±2.5	PASS
Band4	5MHz	16QAM	20175	25RB#0	NV	-30	-4.62	-0.002667	±2.5	PASS
Band4	5MHz	16QAM	20175	25RB#0	NV	-20	-3.40	-0.001962	±2.5	PASS
Band4	5MHz	16QAM	20175	25RB#0	NV	0	-3.46	-0.001997	±2.5	PASS



**BUREAU
VERITAS**

Test Report No.: W7L-P22110018RF03

Band4	5MHz	16QAM	20175	25RB#0	NV	10	-5.14	-0.002967	±2.5	PASS
Band4	5MHz	16QAM	20175	25RB#0	NV	20	-3.43	-0.001980	±2.5	PASS
Band4	5MHz	16QAM	20175	25RB#0	NV	30	-3.69	-0.002130	±2.5	PASS
Band4	5MHz	16QAM	20175	25RB#0	NV	40	3.09	0.001784	±2.5	PASS
Band4	5MHz	16QAM	20175	25RB#0	NV	50	-3.23	-0.001864	±2.5	PASS
Band4	5MHz	16QAM	20375	25RB#0	NV	-30	-5.69	-0.003247	±2.5	PASS
Band4	5MHz	16QAM	20375	25RB#0	NV	-20	-5.76	-0.003287	±2.5	PASS
Band4	5MHz	16QAM	20375	25RB#0	NV	0	-3.23	-0.001843	±2.5	PASS
Band4	5MHz	16QAM	20375	25RB#0	NV	10	-4.78	-0.002728	±2.5	PASS
Band4	5MHz	16QAM	20375	25RB#0	NV	20	-6.34	-0.003618	±2.5	PASS
Band4	5MHz	16QAM	20375	25RB#0	NV	30	-7.42	-0.004234	±2.5	PASS
Band4	5MHz	16QAM	20375	25RB#0	NV	40	-7.12	-0.004063	±2.5	PASS
Band4	5MHz	16QAM	20375	25RB#0	NV	50	-7.75	-0.004422	±2.5	PASS
Band4	10MHz	QPSK	20000	50RB#0	NV	-30	-5.02	-0.002927	±2.5	PASS
Band4	10MHz	QPSK	20000	50RB#0	NV	-20	-4.71	-0.002746	±2.5	PASS
Band4	10MHz	QPSK	20000	50RB#0	NV	0	-3.22	-0.001878	±2.5	PASS
Band4	10MHz	QPSK	20000	50RB#0	NV	10	-3.50	-0.002041	±2.5	PASS
Band4	10MHz	QPSK	20000	50RB#0	NV	20	-6.27	-0.003656	±2.5	PASS
Band4	10MHz	QPSK	20000	50RB#0	NV	30	-6.45	-0.003761	±2.5	PASS
Band4	10MHz	QPSK	20000	50RB#0	NV	40	-5.26	-0.003067	±2.5	PASS
Band4	10MHz	QPSK	20000	50RB#0	NV	50	-4.16	-0.002426	±2.5	PASS
Band4	10MHz	QPSK	20175	50RB#0	NV	-30	-3.42	-0.001974	±2.5	PASS
Band4	10MHz	QPSK	20175	50RB#0	NV	-20	-3.36	-0.001939	±2.5	PASS
Band4	10MHz	QPSK	20175	50RB#0	NV	0	3.15	0.001818	±2.5	PASS
Band4	10MHz	QPSK	20175	50RB#0	NV	10	-2.52	-0.001455	±2.5	PASS
Band4	10MHz	QPSK	20175	50RB#0	NV	20	-2.78	-0.001605	±2.5	PASS
Band4	10MHz	QPSK	20175	50RB#0	NV	30	4.06	0.002343	±2.5	PASS
Band4	10MHz	QPSK	20175	50RB#0	NV	40	4.35	0.002511	±2.5	PASS
Band4	10MHz	QPSK	20175	50RB#0	NV	50	3.29	0.001899	±2.5	PASS
Band4	10MHz	QPSK	20350	50RB#0	NV	-30	4.65	0.002657	±2.5	PASS
Band4	10MHz	QPSK	20350	50RB#0	NV	-20	3.22	0.001840	±2.5	PASS
Band4	10MHz	QPSK	20350	50RB#0	NV	0	3.53	0.002017	±2.5	PASS
Band4	10MHz	QPSK	20350	50RB#0	NV	10	3.43	0.001960	±2.5	PASS
Band4	10MHz	QPSK	20350	50RB#0	NV	20	5.41	0.003091	±2.5	PASS
Band4	10MHz	QPSK	20350	50RB#0	NV	30	4.66	0.002663	±2.5	PASS
Band4	10MHz	QPSK	20350	50RB#0	NV	40	5.91	0.003377	±2.5	PASS
Band4	10MHz	QPSK	20350	50RB#0	NV	50	4.68	0.002674	±2.5	PASS
Band4	10MHz	16QAM	20000	50RB#0	NV	-30	-5.71	-0.003329	±2.5	PASS
Band4	10MHz	16QAM	20000	50RB#0	NV	-20	-4.89	-0.002851	±2.5	PASS
Band4	10MHz	16QAM	20000	50RB#0	NV	0	-4.68	-0.002729	±2.5	PASS
Band4	10MHz	16QAM	20000	50RB#0	NV	10	-5.52	-0.003219	±2.5	PASS
Band4	10MHz	16QAM	20000	50RB#0	NV	20	-5.76	-0.003359	±2.5	PASS
Band4	10MHz	16QAM	20000	50RB#0	NV	30	-5.59	-0.003259	±2.5	PASS
Band4	10MHz	16QAM	20000	50RB#0	NV	40	-9.43	-0.005499	±2.5	PASS
Band4	10MHz	16QAM	20000	50RB#0	NV	50	-7.10	-0.004140	±2.5	PASS
Band4	10MHz	16QAM	20175	50RB#0	NV	-30	3.43	0.001980	±2.5	PASS
Band4	10MHz	16QAM	20175	50RB#0	NV	-20	-5.92	-0.003417	±2.5	PASS
Band4	10MHz	16QAM	20175	50RB#0	NV	0	3.29	0.001899	±2.5	PASS
Band4	10MHz	16QAM	20175	50RB#0	NV	10	3.05	0.001760	±2.5	PASS
Band4	10MHz	16QAM	20175	50RB#0	NV	20	4.15	0.002395	±2.5	PASS
Band4	10MHz	16QAM	20175	50RB#0	NV	30	-3.18	-0.001835	±2.5	PASS



**BUREAU
VERITAS**

Test Report No.: W7L-P22110018RF03

Band4	10MHz	16QAM	20175	50RB#0	NV	40	-4.35	-0.002511	±2.5	PASS
Band4	10MHz	16QAM	20175	50RB#0	NV	50	-3.76	-0.002170	±2.5	PASS
Band4	10MHz	16QAM	20350	50RB#0	NV	-30	3.68	0.002103	±2.5	PASS
Band4	10MHz	16QAM	20350	50RB#0	NV	-20	5.19	0.002966	±2.5	PASS
Band4	10MHz	16QAM	20350	50RB#0	NV	0	4.56	0.002606	±2.5	PASS
Band4	10MHz	16QAM	20350	50RB#0	NV	10	5.98	0.003417	±2.5	PASS
Band4	10MHz	16QAM	20350	50RB#0	NV	20	5.26	0.003006	±2.5	PASS
Band4	10MHz	16QAM	20350	50RB#0	NV	30	4.13	0.002360	±2.5	PASS
Band4	10MHz	16QAM	20350	50RB#0	NV	40	3.98	0.002274	±2.5	PASS
Band4	10MHz	16QAM	20350	50RB#0	NV	50	3.78	0.002160	±2.5	PASS
Band4	15MHz	QPSK	20025	75RB#0	NV	-30	2.60	0.001514	±2.5	PASS
Band4	15MHz	QPSK	20025	75RB#0	NV	-20	-2.59	-0.001508	±2.5	PASS
Band4	15MHz	QPSK	20025	75RB#0	NV	0	3.26	0.001898	±2.5	PASS
Band4	15MHz	QPSK	20025	75RB#0	NV	10	4.31	0.002509	±2.5	PASS
Band4	15MHz	QPSK	20025	75RB#0	NV	20	2.52	0.001467	±2.5	PASS
Band4	15MHz	QPSK	20025	75RB#0	NV	30	-5.11	-0.002975	±2.5	PASS
Band4	15MHz	QPSK	20025	75RB#0	NV	40	3.81	0.002218	±2.5	PASS
Band4	15MHz	QPSK	20025	75RB#0	NV	50	3.38	0.001968	±2.5	PASS
Band4	15MHz	QPSK	20175	75RB#0	NV	-30	1.80	0.001039	±2.5	PASS
Band4	15MHz	QPSK	20175	75RB#0	NV	-20	-3.53	-0.002038	±2.5	PASS
Band4	15MHz	QPSK	20175	75RB#0	NV	0	4.01	0.002315	±2.5	PASS
Band4	15MHz	QPSK	20175	75RB#0	NV	10	2.00	0.001154	±2.5	PASS
Band4	15MHz	QPSK	20175	75RB#0	NV	20	-3.85	-0.002222	±2.5	PASS
Band4	15MHz	QPSK	20175	75RB#0	NV	30	-3.25	-0.001876	±2.5	PASS
Band4	15MHz	QPSK	20175	75RB#0	NV	40	2.46	0.001420	±2.5	PASS
Band4	15MHz	QPSK	20175	75RB#0	NV	50	2.46	0.001420	±2.5	PASS
Band4	15MHz	QPSK	20325	75RB#0	NV	-30	-2.49	-0.001425	±2.5	PASS
Band4	15MHz	QPSK	20325	75RB#0	NV	-20	4.84	0.002770	±2.5	PASS
Band4	15MHz	QPSK	20325	75RB#0	NV	0	-3.23	-0.001848	±2.5	PASS
Band4	15MHz	QPSK	20325	75RB#0	NV	10	3.30	0.001888	±2.5	PASS
Band4	15MHz	QPSK	20325	75RB#0	NV	20	-3.42	-0.001957	±2.5	PASS
Band4	15MHz	QPSK	20325	75RB#0	NV	30	-3.19	-0.001825	±2.5	PASS
Band4	15MHz	QPSK	20325	75RB#0	NV	40	3.71	0.002123	±2.5	PASS
Band4	15MHz	QPSK	20325	75RB#0	NV	50	5.06	0.002896	±2.5	PASS
Band4	15MHz	16QAM	20025	75RB#0	NV	-30	3.22	0.001875	±2.5	PASS
Band4	15MHz	16QAM	20025	75RB#0	NV	-20	2.96	0.001723	±2.5	PASS
Band4	15MHz	16QAM	20025	75RB#0	NV	0	4.08	0.002376	±2.5	PASS
Band4	15MHz	16QAM	20025	75RB#0	NV	10	2.47	0.001438	±2.5	PASS
Band4	15MHz	16QAM	20025	75RB#0	NV	20	4.76	0.002771	±2.5	PASS
Band4	15MHz	16QAM	20025	75RB#0	NV	30	2.42	0.001409	±2.5	PASS
Band4	15MHz	16QAM	20025	75RB#0	NV	40	-3.48	-0.002026	±2.5	PASS
Band4	15MHz	16QAM	20025	75RB#0	NV	50	-2.96	-0.001723	±2.5	PASS
Band4	15MHz	16QAM	20175	75RB#0	NV	-30	-3.63	-0.002095	±2.5	PASS
Band4	15MHz	16QAM	20175	75RB#0	NV	-20	2.29	0.001322	±2.5	PASS
Band4	15MHz	16QAM	20175	75RB#0	NV	0	-3.89	-0.002245	±2.5	PASS
Band4	15MHz	16QAM	20175	75RB#0	NV	10	2.35	0.001356	±2.5	PASS
Band4	15MHz	16QAM	20175	75RB#0	NV	20	5.06	0.002921	±2.5	PASS
Band4	15MHz	16QAM	20175	75RB#0	NV	30	2.65	0.001530	±2.5	PASS
Band4	15MHz	16QAM	20175	75RB#0	NV	40	3.49	0.002014	±2.5	PASS
Band4	15MHz	16QAM	20175	75RB#0	NV	50	-5.39	-0.003111	±2.5	PASS
Band4	15MHz	16QAM	20325	75RB#0	NV	-30	4.99	0.002856	±2.5	PASS



**BUREAU
VERITAS**

Test Report No.: W7L-P22110018RF03

Band4	15MHz	16QAM	20325	75RB#0	NV	-20	2.47	0.001413	±2.5	PASS
Band4	15MHz	16QAM	20325	75RB#0	NV	0	2.10	0.001202	±2.5	PASS
Band4	15MHz	16QAM	20325	75RB#0	NV	10	3.13	0.001791	±2.5	PASS
Band4	15MHz	16QAM	20325	75RB#0	NV	20	-3.42	-0.001957	±2.5	PASS
Band4	15MHz	16QAM	20325	75RB#0	NV	30	4.33	0.002478	±2.5	PASS
Band4	15MHz	16QAM	20325	75RB#0	NV	40	4.02	0.002300	±2.5	PASS
Band4	15MHz	16QAM	20325	75RB#0	NV	50	-2.83	-0.001619	±2.5	PASS
Band4	20MHz	QPSK	20050	100RB#0	NV	-30	4.69	0.002727	±2.5	PASS
Band4	20MHz	QPSK	20050	100RB#0	NV	-20	4.99	0.002901	±2.5	PASS
Band4	20MHz	QPSK	20050	100RB#0	NV	0	5.78	0.003360	±2.5	PASS
Band4	20MHz	QPSK	20050	100RB#0	NV	10	3.95	0.002297	±2.5	PASS
Band4	20MHz	QPSK	20050	100RB#0	NV	20	6.58	0.003826	±2.5	PASS
Band4	20MHz	QPSK	20050	100RB#0	NV	30	4.06	0.002360	±2.5	PASS
Band4	20MHz	QPSK	20050	100RB#0	NV	40	5.34	0.003105	±2.5	PASS
Band4	20MHz	QPSK	20050	100RB#0	NV	50	5.49	0.003192	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	NV	-30	-2.80	-0.001616	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	NV	-20	-2.65	-0.001530	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	NV	0	4.95	0.002857	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	NV	10	4.92	0.002840	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	NV	20	2.62	0.001512	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	NV	30	2.39	0.001380	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	NV	40	-3.30	-0.001905	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	NV	50	2.72	0.001570	±2.5	PASS
Band4	20MHz	QPSK	20300	100RB#0	NV	-30	-5.56	-0.003186	±2.5	PASS
Band4	20MHz	QPSK	20300	100RB#0	NV	-20	-4.26	-0.002441	±2.5	PASS
Band4	20MHz	QPSK	20300	100RB#0	NV	0	-5.79	-0.003318	±2.5	PASS
Band4	20MHz	QPSK	20300	100RB#0	NV	10	-6.01	-0.003444	±2.5	PASS
Band4	20MHz	QPSK	20300	100RB#0	NV	20	-6.67	-0.003822	±2.5	PASS
Band4	20MHz	QPSK	20300	100RB#0	NV	30	-5.97	-0.003421	±2.5	PASS
Band4	20MHz	QPSK	20300	100RB#0	NV	40	-5.46	-0.003129	±2.5	PASS
Band4	20MHz	QPSK	20300	100RB#0	NV	50	-4.46	-0.002556	±2.5	PASS
Band4	20MHz	16QAM	20050	100RB#0	NV	-30	3.83	0.002227	±2.5	PASS
Band4	20MHz	16QAM	20050	100RB#0	NV	-20	4.91	0.002855	±2.5	PASS
Band4	20MHz	16QAM	20050	100RB#0	NV	0	3.71	0.002157	±2.5	PASS
Band4	20MHz	16QAM	20050	100RB#0	NV	10	3.39	0.001971	±2.5	PASS
Band4	20MHz	16QAM	20050	100RB#0	NV	20	3.99	0.002320	±2.5	PASS
Band4	20MHz	16QAM	20050	100RB#0	NV	30	3.76	0.002186	±2.5	PASS
Band4	20MHz	16QAM	20050	100RB#0	NV	40	4.03	0.002343	±2.5	PASS
Band4	20MHz	16QAM	20050	100RB#0	NV	50	4.65	0.002703	±2.5	PASS
Band4	20MHz	16QAM	20175	100RB#0	NV	-30	3.62	0.002089	±2.5	PASS
Band4	20MHz	16QAM	20175	100RB#0	NV	-20	4.85	0.002799	±2.5	PASS
Band4	20MHz	16QAM	20175	100RB#0	NV	0	4.23	0.002442	±2.5	PASS
Band4	20MHz	16QAM	20175	100RB#0	NV	10	3.65	0.002107	±2.5	PASS
Band4	20MHz	16QAM	20175	100RB#0	NV	20	4.75	0.002742	±2.5	PASS
Band4	20MHz	16QAM	20175	100RB#0	NV	30	-2.73	-0.001576	±2.5	PASS
Band4	20MHz	16QAM	20175	100RB#0	NV	40	-4.29	-0.002476	±2.5	PASS
Band4	20MHz	16QAM	20175	100RB#0	NV	50	2.86	0.001651	±2.5	PASS
Band4	20MHz	16QAM	20300	100RB#0	NV	-30	-5.05	-0.002894	±2.5	PASS
Band4	20MHz	16QAM	20300	100RB#0	NV	-20	-5.52	-0.003163	±2.5	PASS
Band4	20MHz	16QAM	20300	100RB#0	NV	0	-5.16	-0.002957	±2.5	PASS
Band4	20MHz	16QAM	20300	100RB#0	NV	10	-3.76	-0.002155	±2.5	PASS



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Test Report No.: W7L-P22110018RF03

Band4	20MHz	16QAM	20300	100RB#0	NV	20	-8.31	-0.004762	±2.5	PASS
Band4	20MHz	16QAM	20300	100RB#0	NV	30	-5.28	-0.003026	±2.5	PASS
Band4	20MHz	16QAM	20300	100RB#0	NV	40	-3.88	-0.002223	±2.5	PASS
Band4	20MHz	16QAM	20300	100RB#0	NV	50	-7.07	-0.004052	±2.5	PASS



Test Report No.: W7L-P22110018RF03

LTE BAND12

PEAK-TO-AVERAGE RATIO(CCDF)

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band12	1.4MHz	QPSK	23017	1RB#0	3.82	13	PASS
Band12	1.4MHz	QPSK	23017	6RB#0	4.75	13	PASS
Band12	1.4MHz	QPSK	23095	1RB#0	4.05	13	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	4.81	13	PASS
Band12	1.4MHz	QPSK	23173	1RB#0	3.62	13	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	4.35	13	PASS
Band12	1.4MHz	16QAM	23017	1RB#0	4.82	13	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	5.62	13	PASS
Band12	1.4MHz	16QAM	23095	1RB#0	4.92	13	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	5.72	13	PASS
Band12	1.4MHz	16QAM	23173	1RB#0	4.50	13	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	5.20	13	PASS
Band12	3MHz	QPSK	23025	1RB#0	3.91	13	PASS
Band12	3MHz	QPSK	23025	15RB#0	4.80	13	PASS
Band12	3MHz	QPSK	23095	1RB#0	4.02	13	PASS
Band12	3MHz	QPSK	23095	15RB#0	4.84	13	PASS
Band12	3MHz	QPSK	23165	1RB#0	3.68	13	PASS
Band12	3MHz	QPSK	23165	15RB#0	4.45	13	PASS
Band12	3MHz	16QAM	23025	1RB#0	4.77	13	PASS
Band12	3MHz	16QAM	23025	15RB#0	5.69	13	PASS
Band12	3MHz	16QAM	23095	1RB#0	5.04	13	PASS
Band12	3MHz	16QAM	23095	15RB#0	5.73	13	PASS
Band12	3MHz	16QAM	23165	1RB#0	4.69	13	PASS
Band12	3MHz	16QAM	23165	15RB#0	5.43	13	PASS
Band12	5MHz	QPSK	23035	1RB#0	3.91	13	PASS
Band12	5MHz	QPSK	23035	25RB#0	4.82	13	PASS
Band12	5MHz	QPSK	23095	1RB#0	4.05	13	PASS
Band12	5MHz	QPSK	23095	25RB#0	4.88	13	PASS
Band12	5MHz	QPSK	23155	1RB#0	3.90	13	PASS
Band12	5MHz	QPSK	23155	25RB#0	4.66	13	PASS
Band12	5MHz	16QAM	23035	1RB#0	4.70	13	PASS
Band12	5MHz	16QAM	23035	25RB#0	5.67	13	PASS
Band12	5MHz	16QAM	23095	1RB#0	5.01	13	PASS
Band12	5MHz	16QAM	23095	25RB#0	5.67	13	PASS
Band12	5MHz	16QAM	23155	1RB#0	4.72	13	PASS
Band12	5MHz	16QAM	23155	25RB#0	5.50	13	PASS
Band12	10MHz	QPSK	23060	1RB#0	3.99	13	PASS
Band12	10MHz	QPSK	23060	50RB#0	4.89	13	PASS
Band12	10MHz	QPSK	23095	1RB#0	4.06	13	PASS
Band12	10MHz	QPSK	23095	50RB#0	4.92	13	PASS
Band12	10MHz	QPSK	23130	1RB#0	4.08	13	PASS
Band12	10MHz	QPSK	23130	50RB#0	4.76	13	PASS
Band12	10MHz	16QAM	23060	1RB#0	4.76	13	PASS



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VERITAS

Test Report No.: W7L-P22110018RF03

Band12	10MHz	16QAM	23060	50RB#0	5.74	13	PASS
Band12	10MHz	16QAM	23095	1RB#0	4.76	13	PASS
Band12	10MHz	16QAM	23095	50RB#0	5.71	13	PASS
Band12	10MHz	16QAM	23130	1RB#0	5.00	13	PASS
Band12	10MHz	16QAM	23130	50RB#0	5.68	13	PASS

Test Graphs

Band12-1.4MHz-QPSK-23017-1RB#0



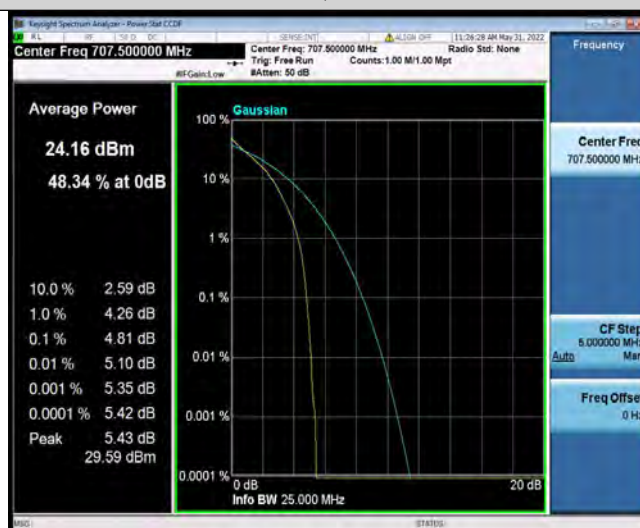
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Band12-1.4MHz-QPSK-23095-1RB#0



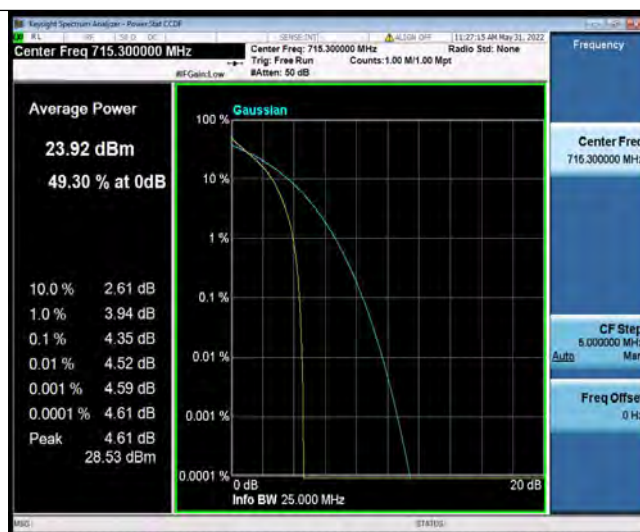
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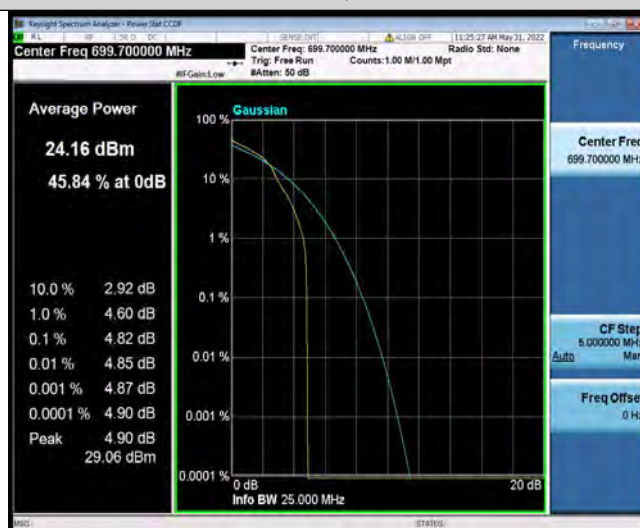
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Band12-1.4MHz-QPSK-23173-6RB#0



Band12-1.4MHz-16QAM-23017-1RB#0



Band12-1.4MHz-16QAM-23017-6RB#0



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Band12-1.4MHz-16QAM-23095-6RB#0



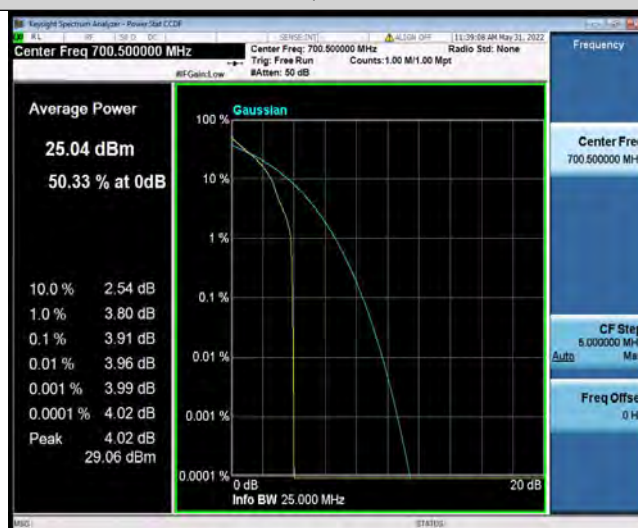
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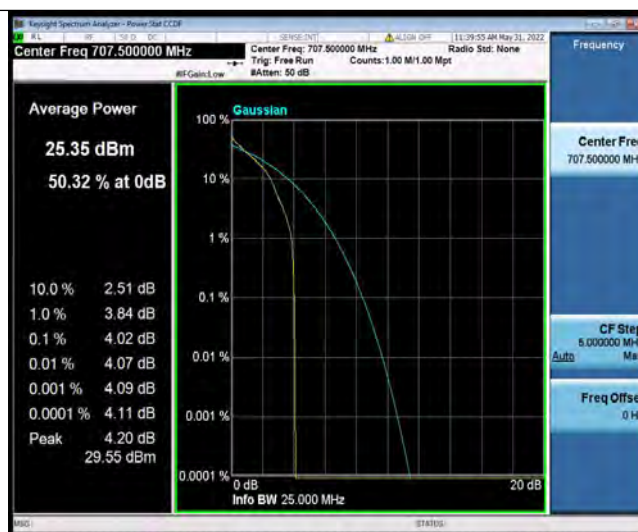
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Band12-3MHz-QPSK-23025-15RB#0



Band12-3MHz-QPSK-23095-1RB#0



Band12-3MHz-QPSK-23095-15RB#0



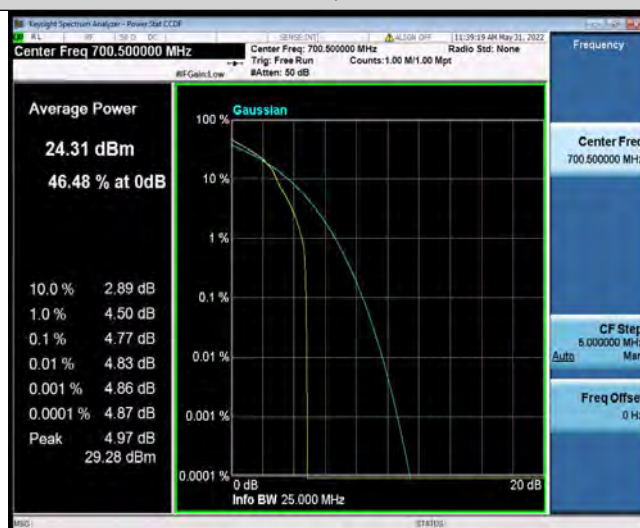
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Band12-3MHz-QPSK-23165-15RB#0



Band12-3MHz-16QAM-23025-1RB#0



Band12-3MHz-16QAM-23025-15RB#0



Band12-3MHz-16QAM-23095-1RB#0



Band12-3MHz-16QAM-23095-15RB#0



Band12-3MHz-16QAM-23165-1RB#0



Band12-3MHz-16QAM-23165-15RB#0



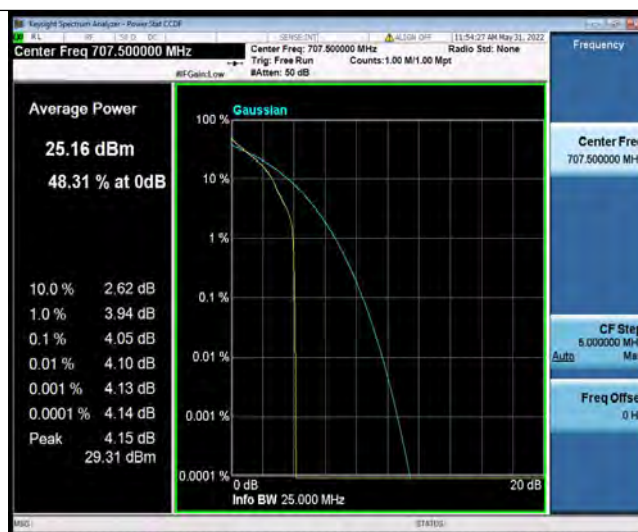
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Band12-5MHz-QPSK-23035-25RB#0



Band12-5MHz-QPSK-23095-1RB#0



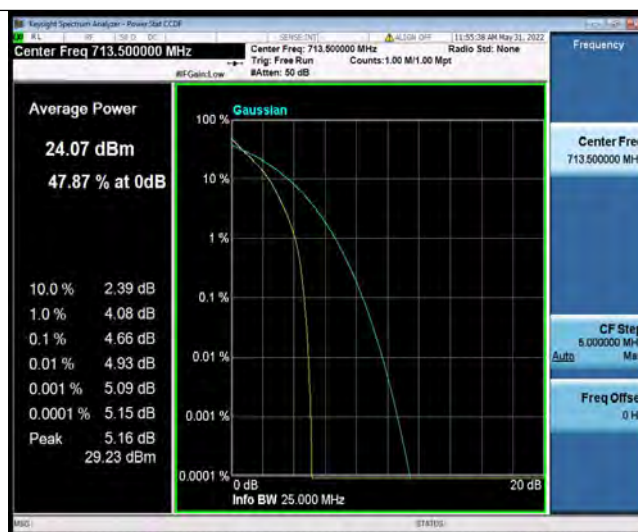
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Band12-5MHz-QPSK-23155-1RB#0



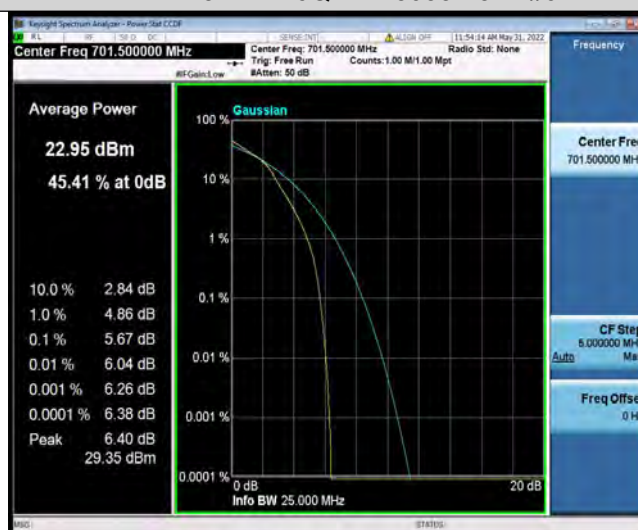
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Band12-5MHz-16QAM-23035-1RB#0



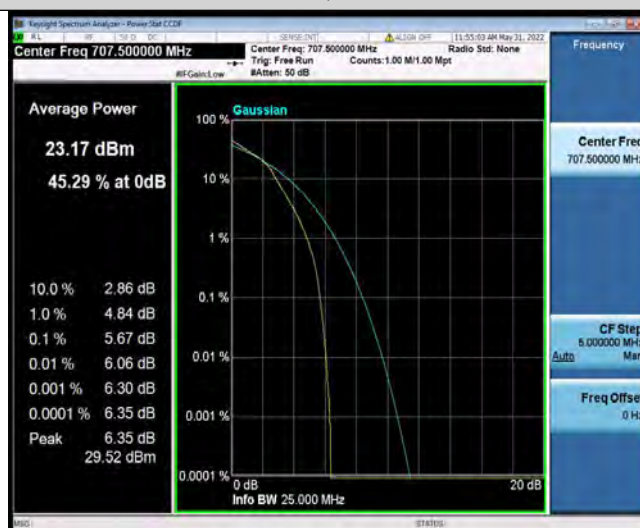
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Band12-5MHz-16QAM-23095-1RB#0



Band12-5MHz-16QAM-23095-25RB#0



Band12-5MHz-16QAM-23155-1RB#0



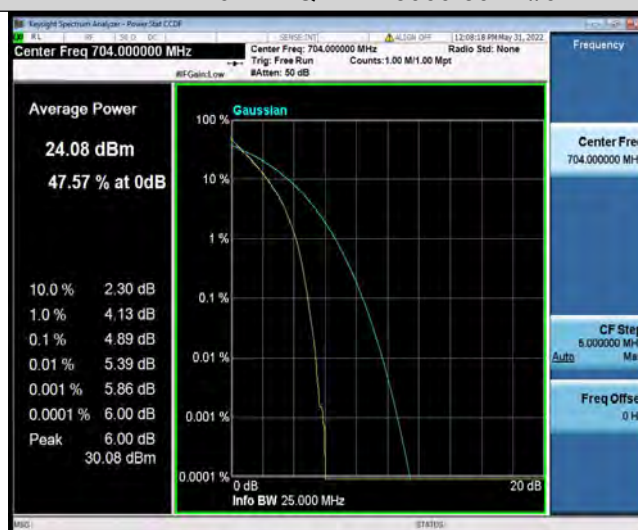
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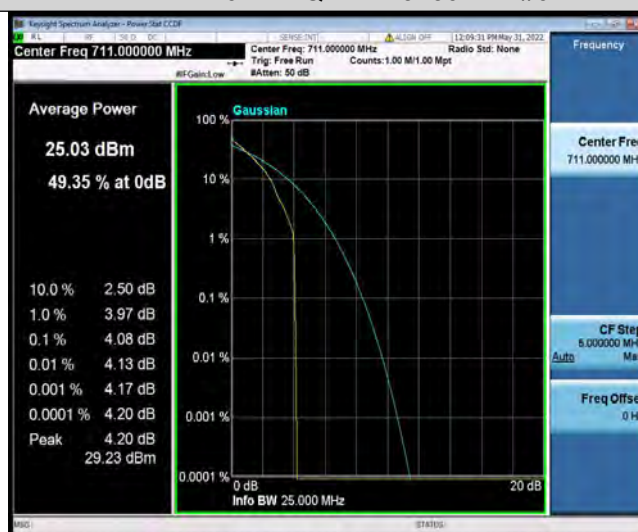
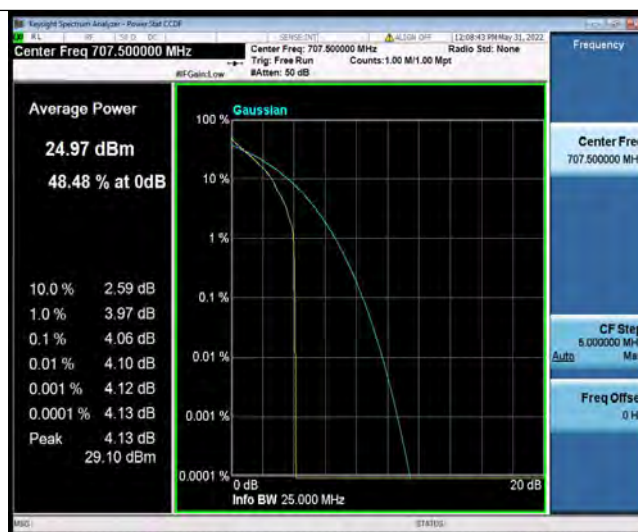
Band12-10MHz-QPSK-23060-1RB#0

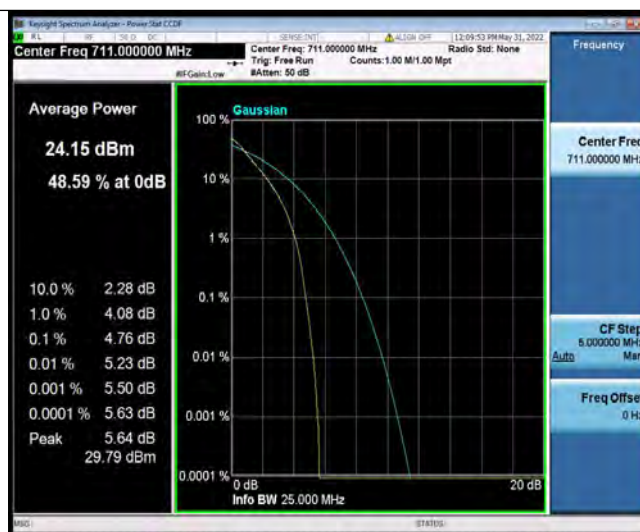


Band12-10MHz-QPSK-23060-50RB#0

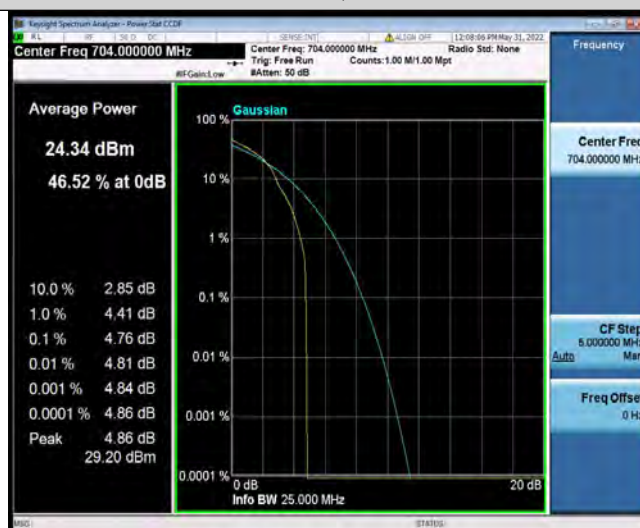


Band12-10MHz-QPSK-23095-1RB#0





Band12-10MHz-16QAM-23060-1RB#0



Band12-10MHz-16QAM-23060-50RB#0



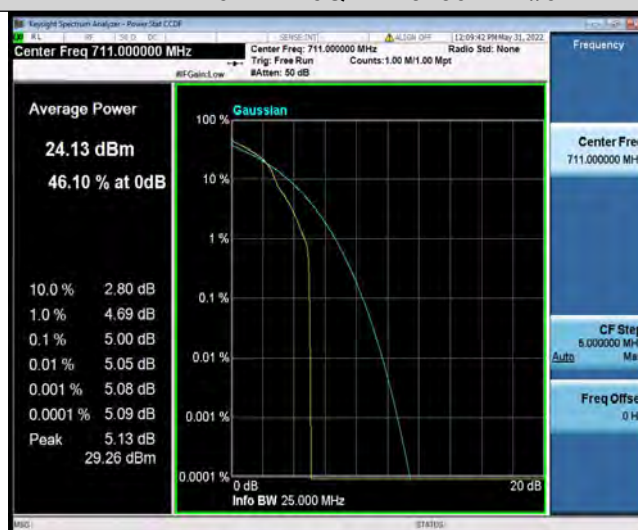
Band12-10MHz-16QAM-23095-1RB#0



Band12-10MHz-16QAM-23095-50RB#0



Band12-10MHz-16QAM-23130-1RB#0



Band12-10MHz-16QAM-23130-50RB#0



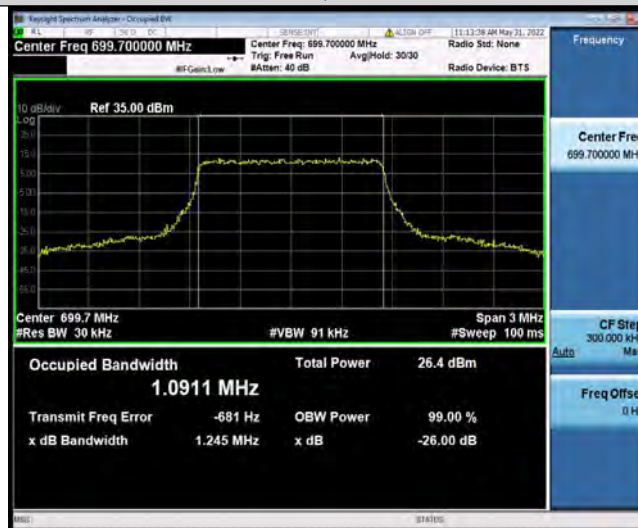
26DB BANDWIDTH AND OCCUPIED BANDWIDTH

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band12	1.4MHz	QPSK	23017	6RB#0	1.0911	1.245	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	1.0889	1.276	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	1.0906	1.259	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	1.0913	1.262	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	1.0907	1.261	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	1.0922	1.267	PASS
Band12	3MHz	QPSK	23025	15RB#0	2.6928	2.905	PASS
Band12	3MHz	QPSK	23095	15RB#0	2.6976	2.928	PASS
Band12	3MHz	QPSK	23165	15RB#0	2.6994	2.923	PASS
Band12	3MHz	16QAM	23025	15RB#0	2.6937	2.916	PASS
Band12	3MHz	16QAM	23095	15RB#0	2.6926	2.919	PASS
Band12	3MHz	16QAM	23165	15RB#0	2.6964	2.911	PASS
Band12	5MHz	QPSK	23035	25RB#0	4.4954	4.901	PASS
Band12	5MHz	QPSK	23095	25RB#0	4.4991	4.881	PASS
Band12	5MHz	QPSK	23155	25RB#0	4.5075	4.872	PASS
Band12	5MHz	16QAM	23035	25RB#0	4.4977	4.887	PASS
Band12	5MHz	16QAM	23095	25RB#0	4.5008	4.907	PASS
Band12	5MHz	16QAM	23155	25RB#0	4.5064	4.861	PASS
Band12	10MHz	QPSK	23060	50RB#0	8.9752	9.591	PASS
Band12	10MHz	QPSK	23095	50RB#0	8.9687	9.562	PASS
Band12	10MHz	QPSK	23130	50RB#0	8.9537	9.524	PASS
Band12	10MHz	16QAM	23060	50RB#0	8.9637	9.553	PASS
Band12	10MHz	16QAM	23095	50RB#0	8.9703	9.536	PASS
Band12	10MHz	16QAM	23130	50RB#0	8.9560	9.529	PASS

Test Graphs

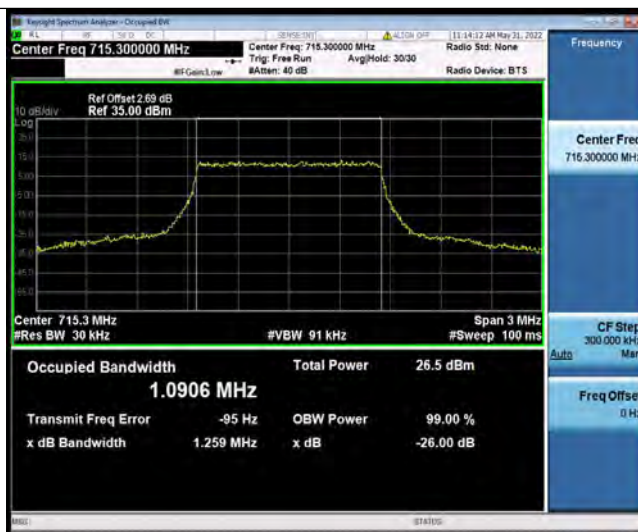
Band12-1.4MHz-QPSK-23017-6RB#0



Band12-1.4MHz-QPSK-23095-6RB#0



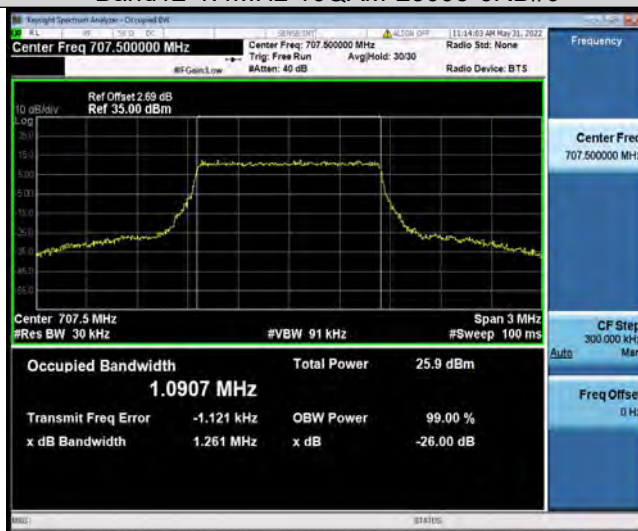
Band12-1.4MHz-QPSK-23173-6RB#0



Band12-1.4MHz-16QAM-23017-6RB#0



Band12-1.4MHz-16QAM-23095-6RB#0



Band12-1.4MHz-16QAM-23173-6RB#0



Band12-3MHz-QPSK-23025-15RB#0



Band12-3MHz-QPSK-23095-15RB#0



Band12-3MHz-QPSK-23165-15RB#0



Band12-3MHz-16QAM-23025-15RB#0



Band12-3MHz-16QAM-23095-15RB#0



Band12-3MHz-16QAM-23165-15RB#0



Band12-5MHz-QPSK-23035-25RB#0



Band12-5MHz-QPSK-23095-25RB#0



Band12-5MHz-QPSK-23155-25RB#0



Band12-5MHz-16QAM-23035-25RB#0



Band12-5MHz-16QAM-23095-25RB#0



Band12-5MHz-16QAM-23155-25RB#0



Band12-10MHz-QPSK-23060-50RB#0



Band12-10MHz-QPSK-23095-50RB#0



Band12-10MHz-QPSK-23130-50RB#0



Band12-10MHz-16QAM-23060-50RB#0



Band12-10MHz-16QAM-23095-50RB#0



Band12-10MHz-16QAM-23130-50RB#0



BAND EDGE

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band12	1.4MHz	QPSK	23017	1RB#0	-28.82,-15.44	PASS
Band12	1.4MHz	QPSK	23017	6RB#0	-26.75,-21.10	PASS
Band12	1.4MHz	QPSK	23173	1RB#5	-19.72,-29.02	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	-20.96,-25.45	PASS
Band12	1.4MHz	16QAM	23017	1RB#0	-29.21,-16.99	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	-28.03,-22.22	PASS
Band12	1.4MHz	16QAM	23173	1RB#5	-21.56,-30.23	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	-21.49,-25.96	PASS
Band12	3MHz	QPSK	23025	1RB#0	-26.36,-14.03	PASS
Band12	3MHz	QPSK	23025	15RB#0	-26.10,-18.75	PASS
Band12	3MHz	QPSK	23165	1RB#14	-14.53,-26.95	PASS
Band12	3MHz	QPSK	23165	15RB#0	-19.99,-27.55	PASS
Band12	3MHz	16QAM	23025	1RB#0	-29.70,-14.80	PASS
Band12	3MHz	16QAM	23025	15RB#0	-28.71,-20.89	PASS
Band12	3MHz	16QAM	23165	1RB#14	-16.53,-28.70	PASS
Band12	3MHz	16QAM	23165	15RB#0	-20.04,-28.05	PASS
Band12	5MHz	QPSK	23035	1RB#0	-18.09	PASS
Band12	5MHz	QPSK	23035	25RB#0	-18.89	PASS
Band12	5MHz	QPSK	23155	1RB#24	-18.74	PASS
Band12	5MHz	QPSK	23155	25RB#0	-20.00	PASS
Band12	5MHz	16QAM	23035	1RB#0	-19.30	PASS
Band12	5MHz	16QAM	23035	25RB#0	-20.15	PASS
Band12	5MHz	16QAM	23155	1RB#24	-31.05	PASS
Band12	5MHz	16QAM	23155	25RB#0	-19.60	PASS
Band12	10MHz	QPSK	23060	1RB#0	-28.04,-19.84	PASS
Band12	10MHz	QPSK	23060	50RB#0	-24.56,-21.92	PASS
Band12	10MHz	QPSK	23130	1RB#49	-17.46,-24.82	PASS
Band12	10MHz	QPSK	23130	50RB#0	-23.02,-25.40	PASS
Band12	10MHz	16QAM	23060	1RB#0	-24.74,-20.21	PASS
Band12	10MHz	16QAM	23060	50RB#0	-26.72,-25.01	PASS
Band12	10MHz	16QAM	23130	1RB#49	-19.63,-26.05	PASS
Band12	10MHz	16QAM	23130	50RB#0	-24.93,-27.10	PASS

Test Graphs

Band12-1.4MHz-QPSK-23017-1RB#0



Band12-1.4MHz-QPSK-23017-6RB#0



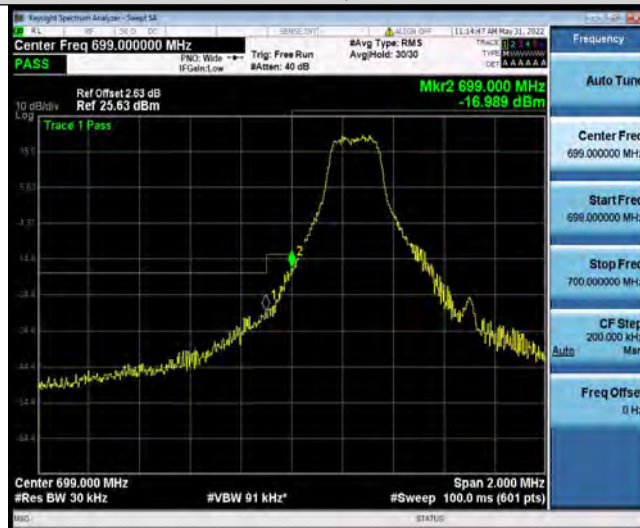
Band12-1.4MHz-QPSK-23173-1RB#5



Band12-1.4MHz-QPSK-23173-6RB#0



Band12-1.4MHz-16QAM-23017-1RB#0



Band12-1.4MHz-16QAM-23017-6RB#0



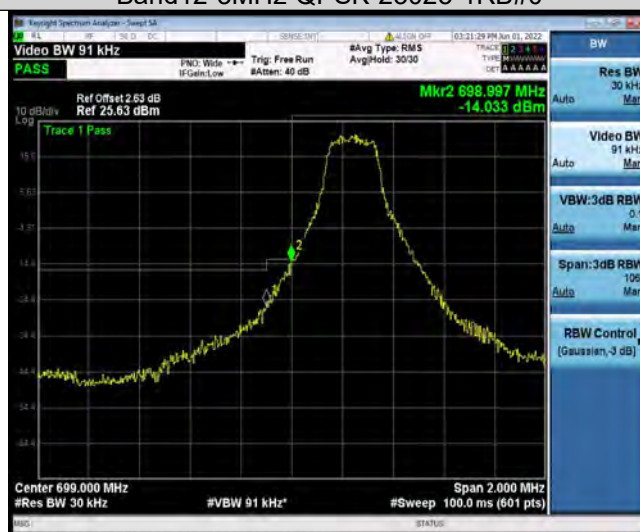
Band12-1.4MHz-16QAM-23173-1RB#5



Band12-1.4MHz-16QAM-23173-6RB#0



Band12-3MHz-QPSK-23025-1RB#0



Band12-3MHz-QPSK-23025-15RB#0



Band12-3MHz-QPSK-23165-1RB#14



Band12-3MHz-QPSK-23165-15RB#0



Band12-3MHz-16QAM-23025-1RB#0



Band12-3MHz-16QAM-23025-15RB#0



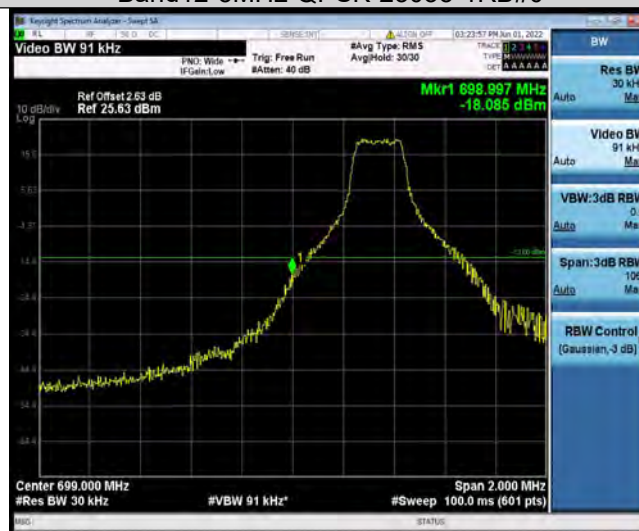
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Band12-3MHz-16QAM-23165-15RB#0



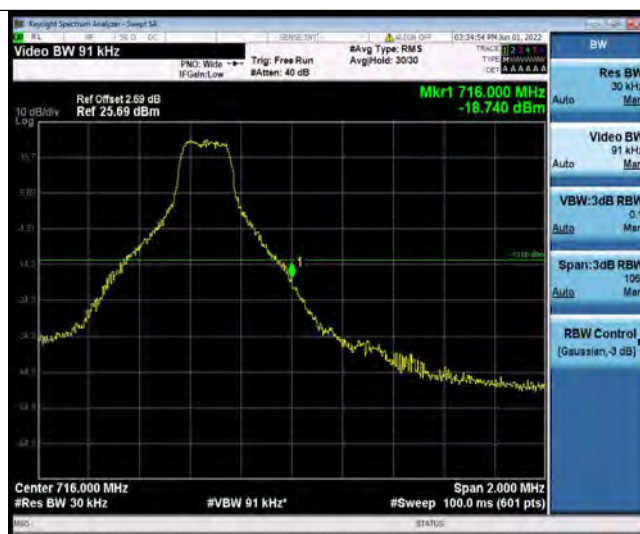
Band12-5MHz-QPSK-23035-1RB#0



Band12-5MHz-QPSK-23035-25RB#0



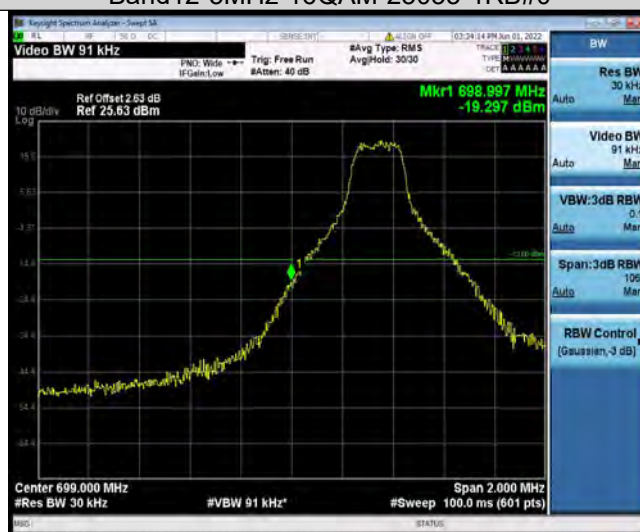
Band12-5MHz-QPSK-23155-1RB#24



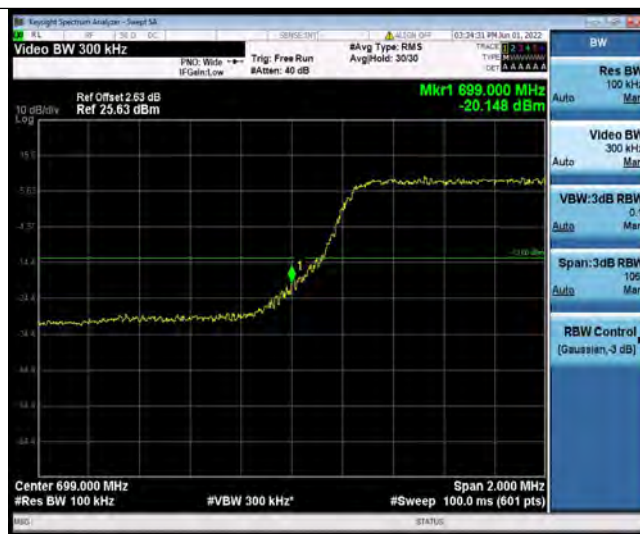
Band12-5MHz-QPSK-23155-25RB#0



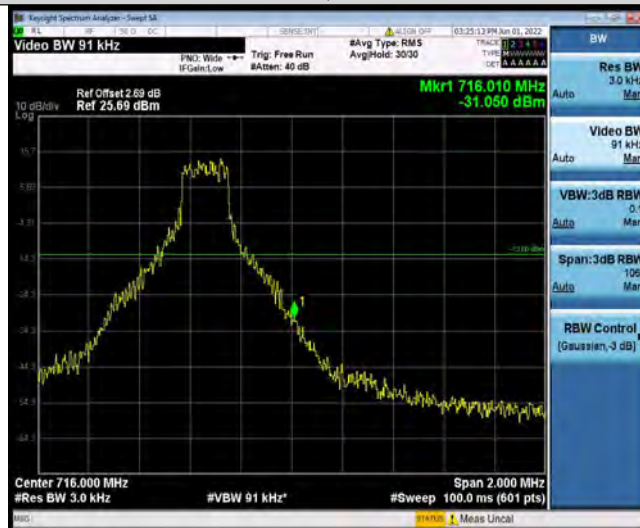
Band12-5MHz-16QAM-23035-1RB#0



Band12-5MHz-16QAM-23035-25RB#0



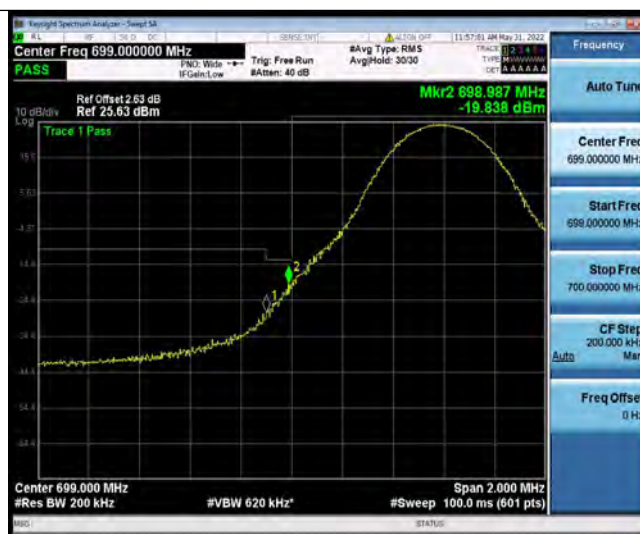
Band12-5MHz-16QAM-23155-1RB#24



Band12-5MHz-16QAM-23155-25RB#0



Band12-10MHz-QPSK-23060-1RB#0



Band12-10MHz-QPSK-23060-50RB#0



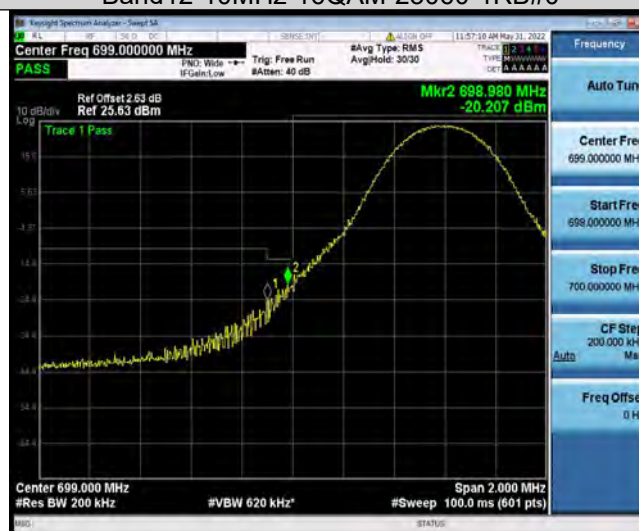
Band12-10MHz-QPSK-23130-1RB#49



Band12-10MHz-QPSK-23130-50RB#0



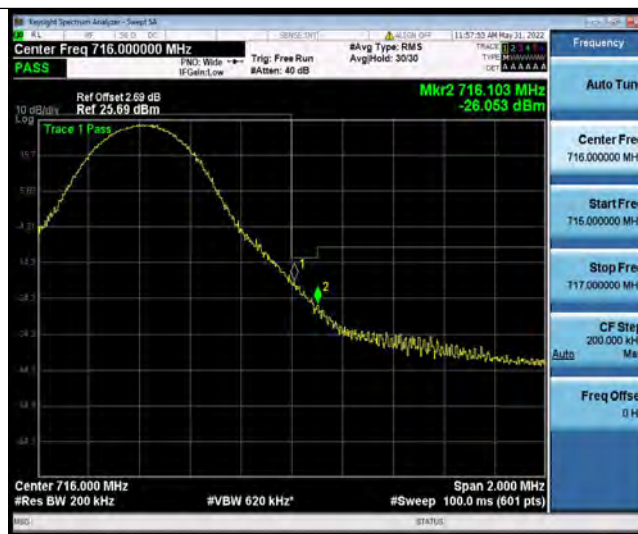
Band12-10MHz-16QAM-23060-1RB#0



Band12-10MHz-16QAM-23060-50RB#0



Band12-10MHz-16QAM-23130-1RB#49



Band12-10MHz-16QAM-23130-50RB#0



CONDUCTED SPURIOUS EMISSION

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Frequency Range	Result (dBm)	Verdict
Band12	1.4MHz	QPSK	23017	1RB#0	Range1:30~1000MHz	-49.84	PASS
Band12	1.4MHz	QPSK	23017	1RB#0	Range2:1000~10000MHz	-32.55	PASS
Band12	1.4MHz	QPSK	23095	1RB#0	Range1:30~1000MHz	-49.28	PASS
Band12	1.4MHz	QPSK	23095	1RB#0	Range2:1000~10000MHz	-34.37	PASS
Band12	1.4MHz	QPSK	23173	1RB#0	Range1:30~1000MHz	-48.52	PASS
Band12	1.4MHz	QPSK	23173	1RB#0	Range2:1000~10000MHz	-32.77	PASS
Band12	1.4MHz	16QAM	23017	1RB#0	Range1:30~1000MHz	-49.69	PASS
Band12	1.4MHz	16QAM	23017	1RB#0	Range2:1000~10000MHz	-34.93	PASS
Band12	1.4MHz	16QAM	23095	1RB#0	Range1:30~1000MHz	-49.36	PASS
Band12	1.4MHz	16QAM	23095	1RB#0	Range2:1000~10000MHz	-30.76	PASS
Band12	1.4MHz	16QAM	23173	1RB#0	Range1:30~1000MHz	-50.09	PASS
Band12	1.4MHz	16QAM	23173	1RB#0	Range2:1000~10000MHz	-35.68	PASS
Band12	3MHz	QPSK	23025	1RB#0	Range1:30~1000MHz	-48.94	PASS
Band12	3MHz	QPSK	23025	1RB#0	Range2:1000~10000MHz	-30.89	PASS
Band12	3MHz	QPSK	23095	1RB#0	Range1:30~1000MHz	-50.13	PASS
Band12	3MHz	QPSK	23095	1RB#0	Range2:1000~10000MHz	-32.99	PASS
Band12	3MHz	QPSK	23165	1RB#0	Range1:30~1000MHz	-49.38	PASS
Band12	3MHz	QPSK	23165	1RB#0	Range2:1000~10000MHz	-33.11	PASS
Band12	3MHz	16QAM	23025	1RB#0	Range1:30~1000MHz	-49.47	PASS
Band12	3MHz	16QAM	23025	1RB#0	Range2:1000~10000MHz	-30.49	PASS
Band12	3MHz	16QAM	23095	1RB#0	Range1:30~1000MHz	-49.4	PASS
Band12	3MHz	16QAM	23095	1RB#0	Range2:1000~10000MHz	-34.3	PASS
Band12	3MHz	16QAM	23165	1RB#0	Range1:30~1000MHz	-49.02	PASS
Band12	3MHz	16QAM	23165	1RB#0	Range2:1000~10000MHz	-33.18	PASS
Band12	5MHz	QPSK	23035	1RB#0	Range1:30~1000MHz	-49.28	PASS
Band12	5MHz	QPSK	23035	1RB#0	Range2:1000~10000MHz	-30.73	PASS
Band12	5MHz	QPSK	23095	1RB#0	Range1:30~1000MHz	-49.86	PASS
Band12	5MHz	QPSK	23095	1RB#0	Range2:1000~10000MHz	-30.27	PASS
Band12	5MHz	QPSK	23155	1RB#0	Range1:30~1000MHz	-48.63	PASS
Band12	5MHz	QPSK	23155	1RB#0	Range2:1000~10000MHz	-30.86	PASS
Band12	5MHz	16QAM	23035	1RB#0	Range1:30~1000MHz	-50.13	PASS
Band12	5MHz	16QAM	23035	1RB#0	Range2:1000~10000MHz	-31.75	PASS
Band12	5MHz	16QAM	23095	1RB#0	Range1:30~1000MHz	-50.13	PASS
Band12	5MHz	16QAM	23095	1RB#0	Range2:1000~10000MHz	-34.79	PASS
Band12	5MHz	16QAM	23155	1RB#0	Range1:30~1000MHz	-49.9	PASS
Band12	5MHz	16QAM	23155	1RB#0	Range2:1000~10000MHz	-32.92	PASS
Band12	10MHz	QPSK	23060	1RB#0	Range1:30~1000MHz	-49.72	PASS
Band12	10MHz	QPSK	23060	1RB#0	Range2:1000~10000MHz	-32.52	PASS
Band12	10MHz	QPSK	23095	1RB#0	Range1:30~1000MHz	-49.87	PASS
Band12	10MHz	QPSK	23095	1RB#0	Range2:1000~10000MHz	-34.22	PASS
Band12	10MHz	QPSK	23130	1RB#0	Range1:30~1000MHz	-50.06	PASS
Band12	10MHz	QPSK	23130	1RB#0	Range2:1000~10000MHz	-34.44	PASS
Band12	10MHz	16QAM	23060	1RB#0	Range1:30~1000MHz	-49.04	PASS
Band12	10MHz	16QAM	23060	1RB#0	Range2:1000~10000MHz	-35.24	PASS
Band12	10MHz	16QAM	23095	1RB#0	Range1:30~1000MHz	-49.34	PASS



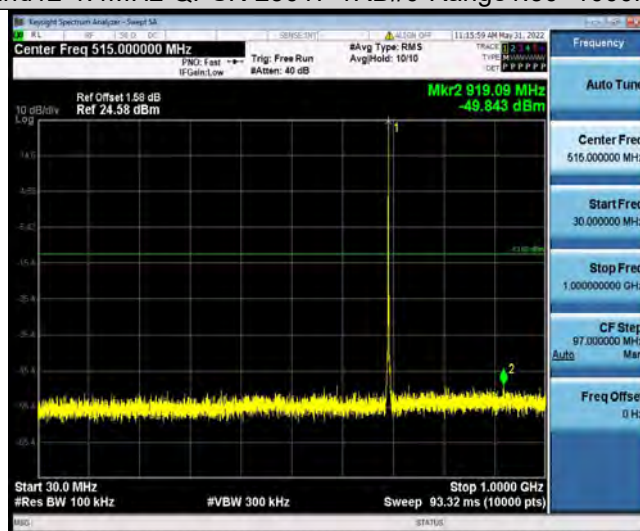
**BUREAU
VERITAS**

Test Report No.: W7L-P22110018RF03

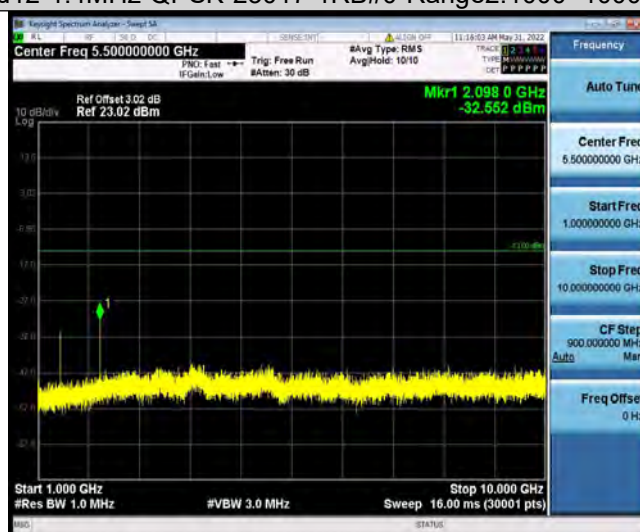
Band12	10MHz	16QAM	23095	1RB#0	Range2:1000~10000MHz	-37.45	PASS
Band12	10MHz	16QAM	23130	1RB#0	Range1:30~1000MHz	-48.76	PASS
Band12	10MHz	16QAM	23130	1RB#0	Range2:1000~10000MHz	-37.64	PASS

Test Graphs

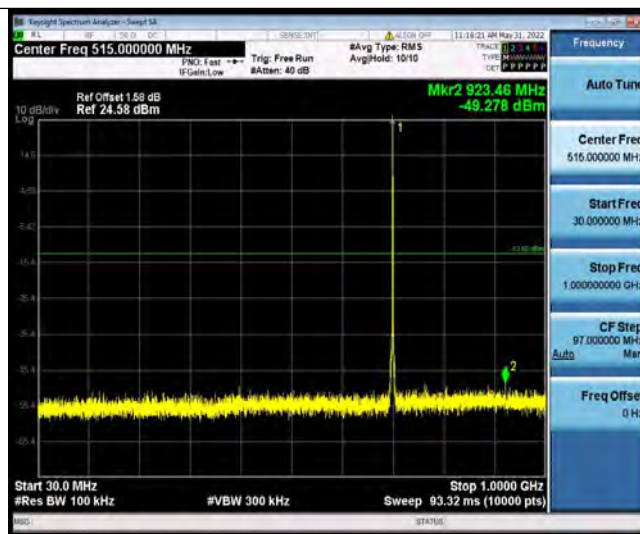
Band12-1.4MHz-QPSK-23017-1RB#0-Range1:30~1000MHz



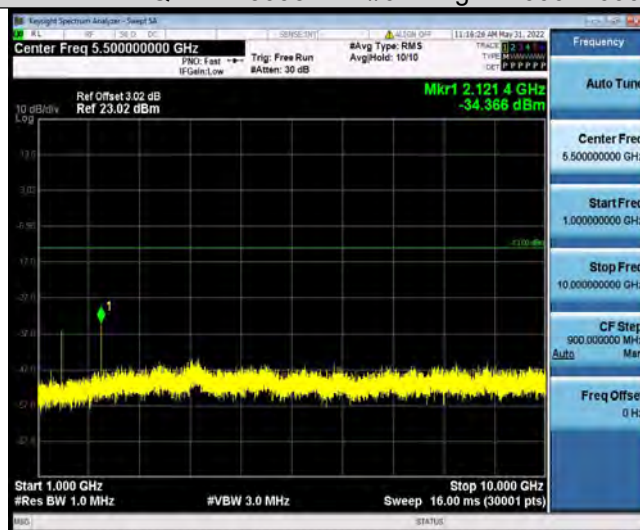
Band12-1.4MHz-QPSK-23017-1RB#0-Range2:1000~10000MHz



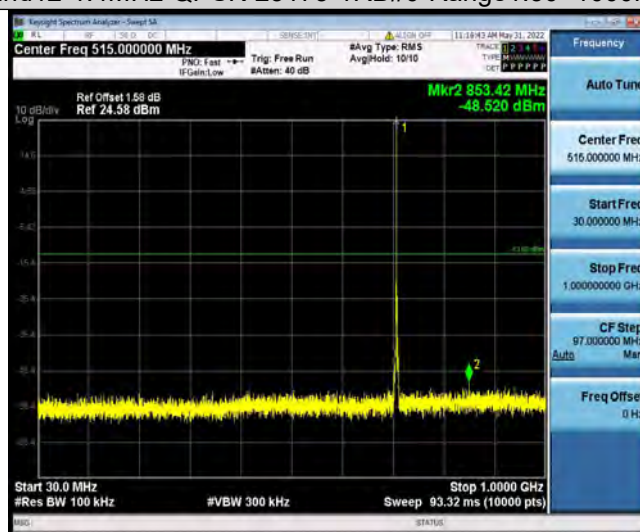
Band12-1.4MHz-QPSK-23095-1RB#0-Range1:30~1000MHz



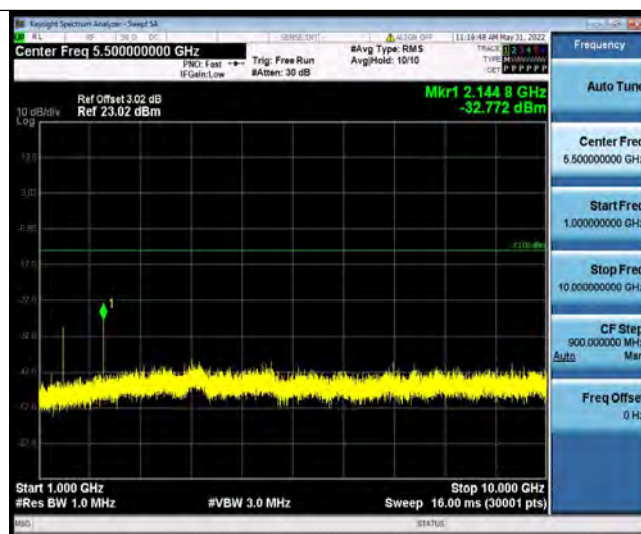
Band12-1.4MHz-QPSK-23095-1RB#0-Range2:1000~10000MHz



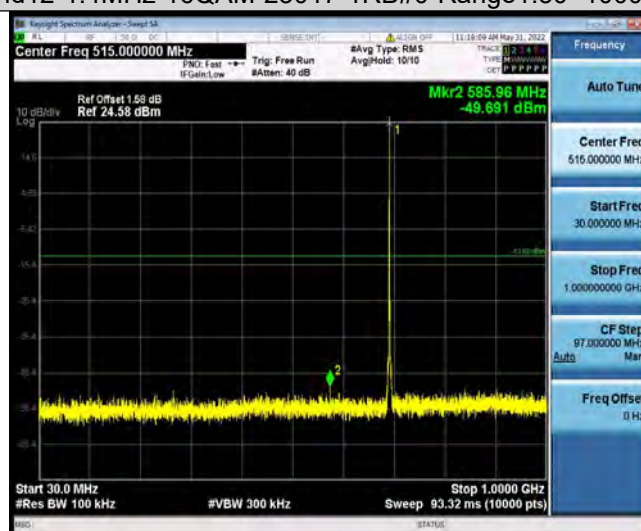
Band12-1.4MHz-QPSK-23173-1RB#0-Range1:30~1000MHz



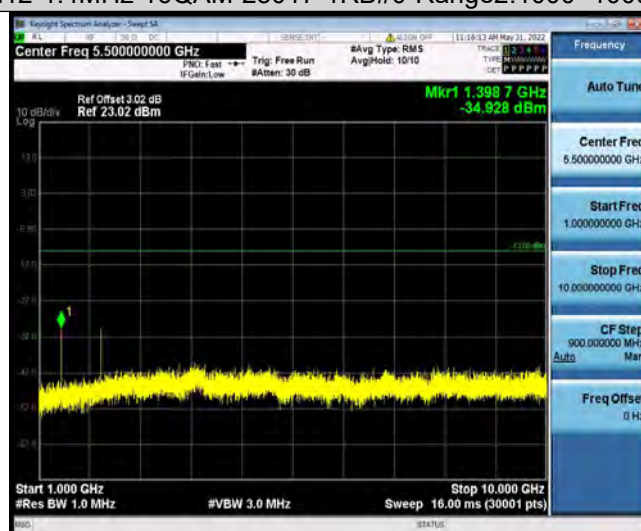
Band12-1.4MHz-QPSK-23173-1RB#0-Range2:1000~10000MHz



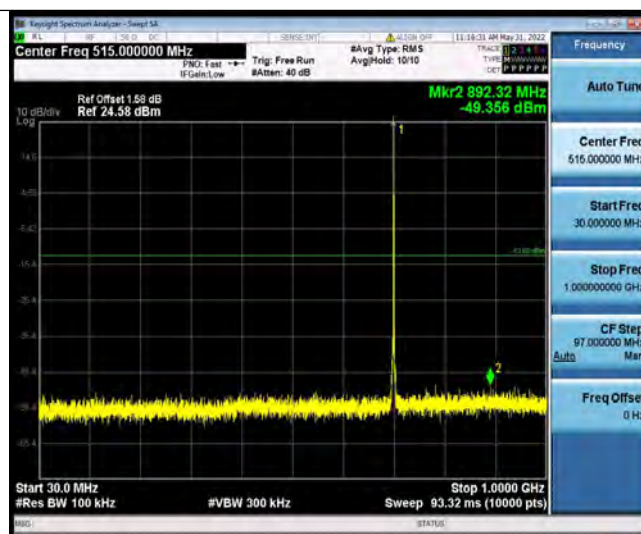
Band12-1.4MHz-16QAM-23017-1RB#0-Range1:30~1000MHz



Band12-1.4MHz-16QAM-23017-1RB#0-Range2:1000~10000MHz



Band12-1.4MHz-16QAM-23095-1RB#0-Range1:30~1000MHz



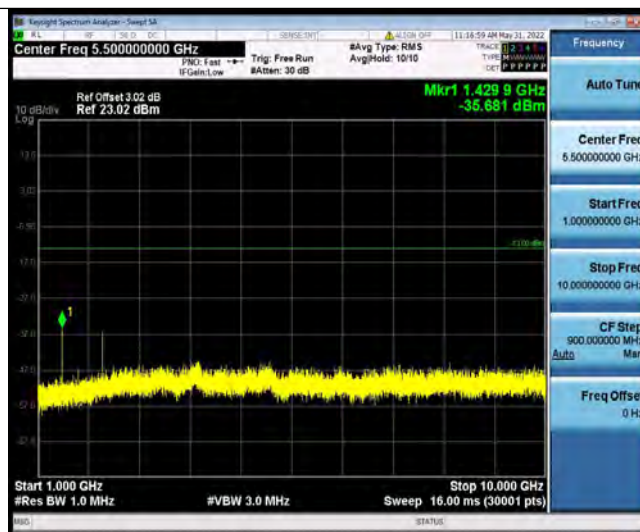
Band12-1.4MHz-16QAM-23095-1RB#0-Range2:1000~10000MHz



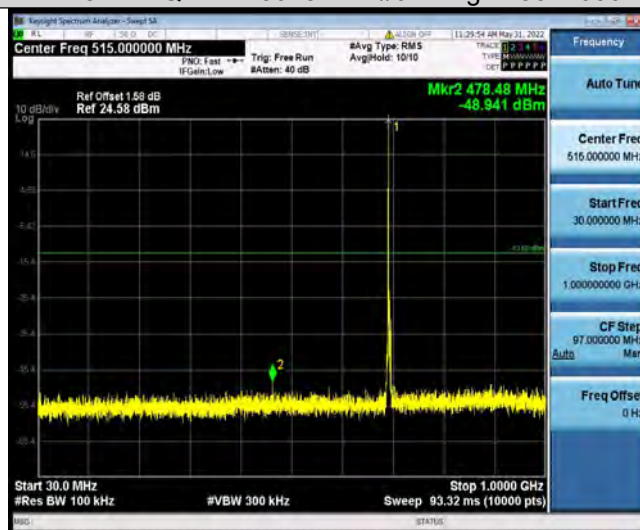
Band12-1.4MHz-16QAM-23173-1RB#0-Range1:30~1000MHz



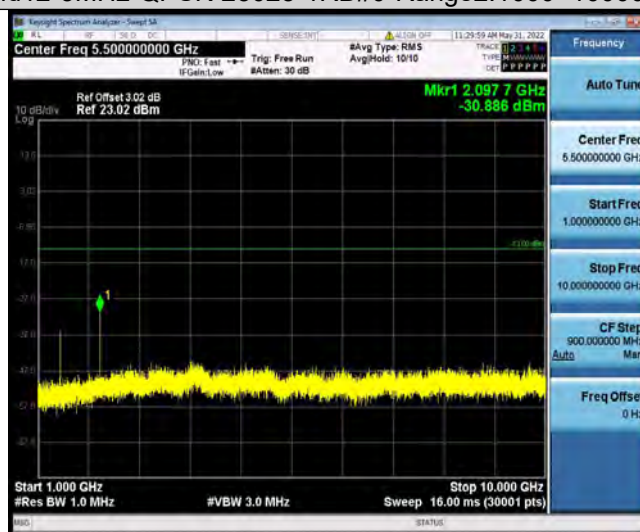
Band12-1.4MHz-16QAM-23173-1RB#0-Range2:1000~10000MHz



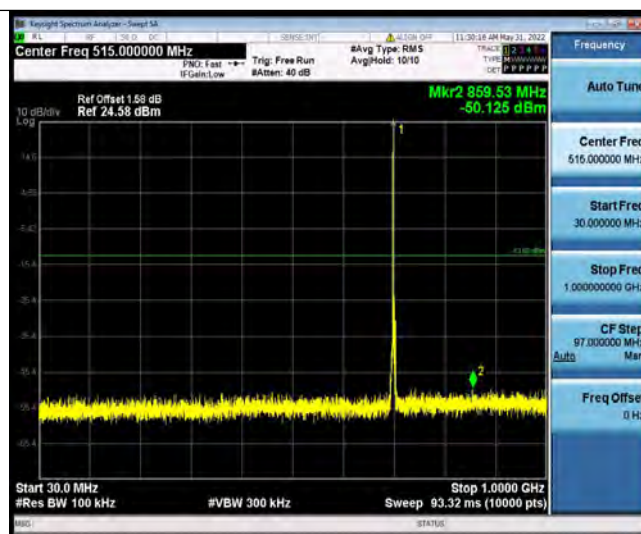
Band12-3MHz-QPSK-23025-1RB#0-Range1:30~1000MHz



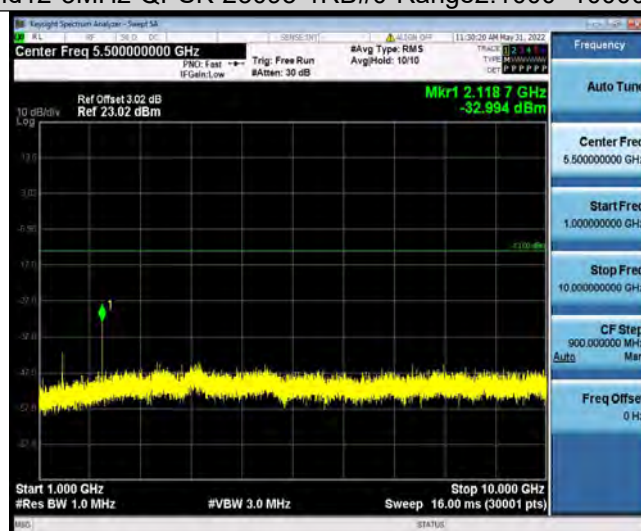
Band12-3MHz-QPSK-23025-1RB#0-Range2:1000~10000MHz



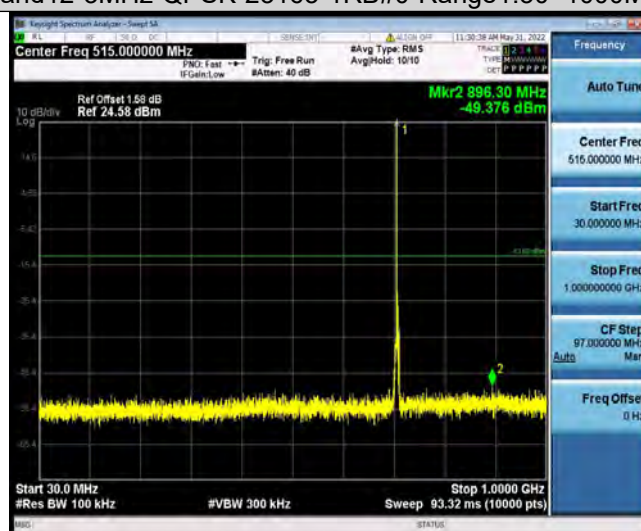
Band12-3MHz-QPSK-23095-1RB#0-Range1:30~1000MHz



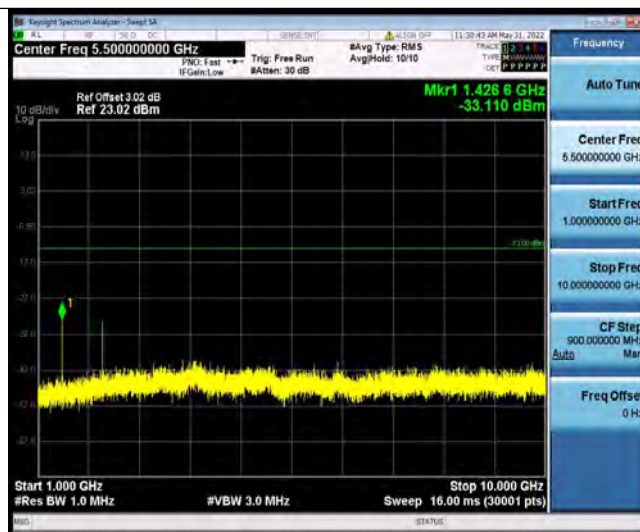
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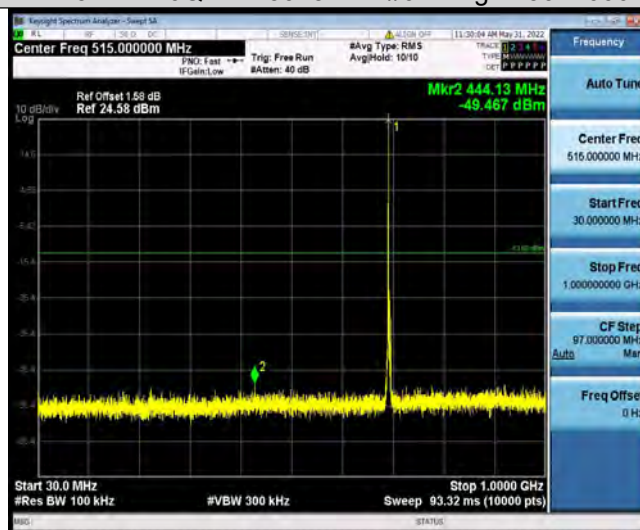
Band12-3MHz-QPSK-23165-1RB#0-Range1:30~1000MHz



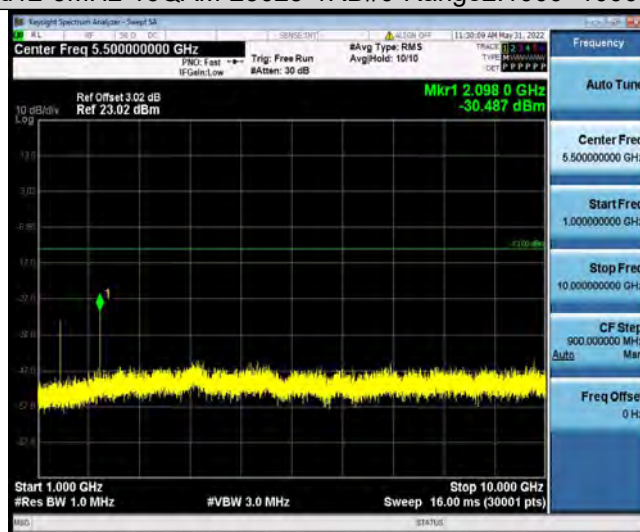
Band12-3MHz-QPSK-23165-1RB#0-Range2:1000~10000MHz



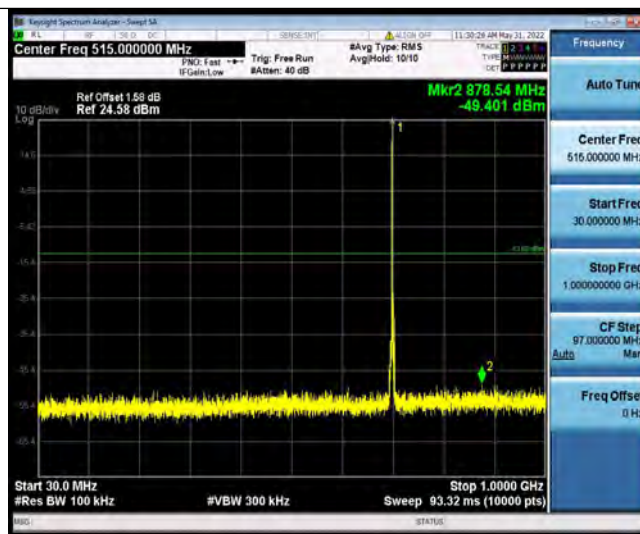
Band12-3MHz-16QAM-23025-1RB#0-Range1:30~1000MHz



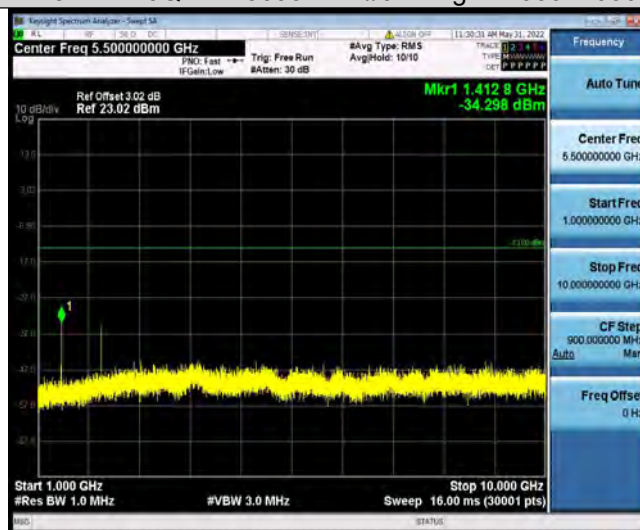
Band12-3MHz-16QAM-23025-1RB#0-Range2:1000~10000MHz



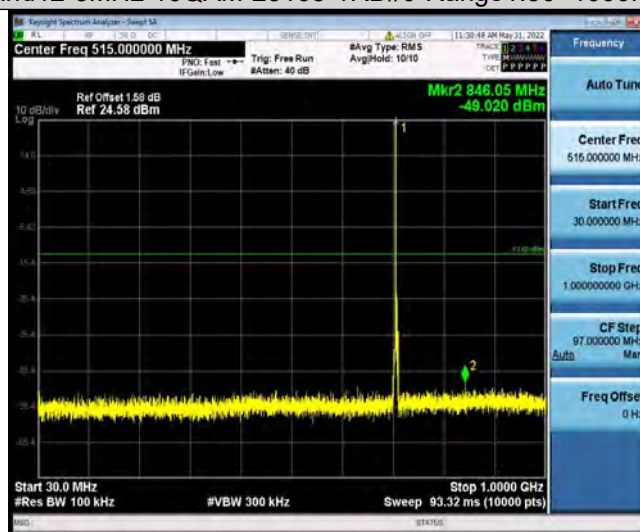
Band12-3MHz-16QAM-23095-1RB#0-Range1:30~1000MHz



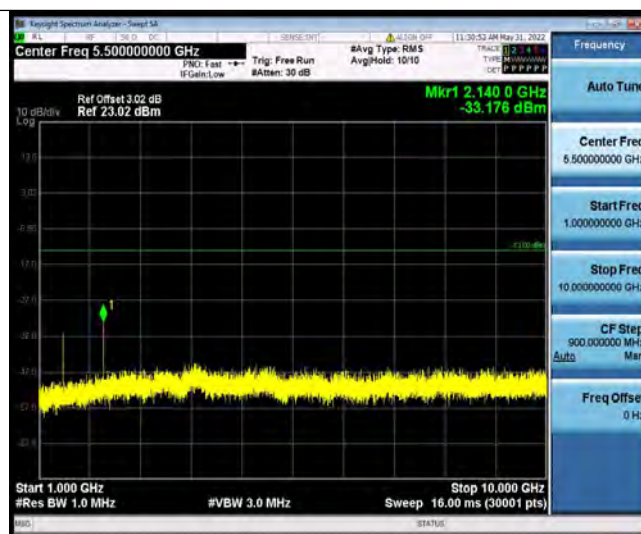
Band12-3MHz-16QAM-23095-1RB#0-Range2:1000~10000MHz



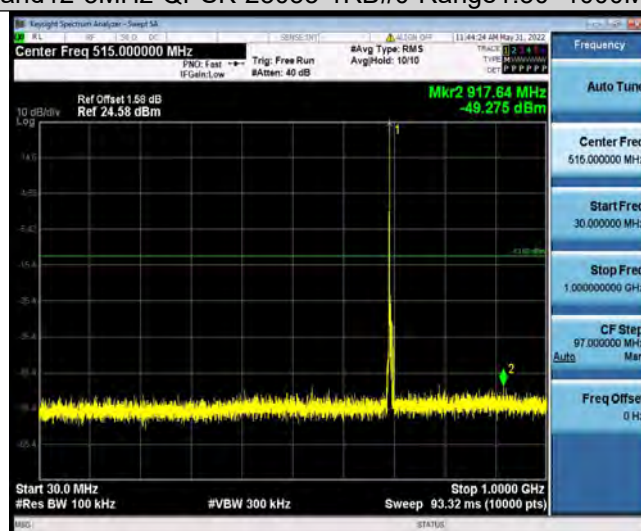
Band12-3MHz-16QAM-23165-1RB#0-Range1:30~1000MHz



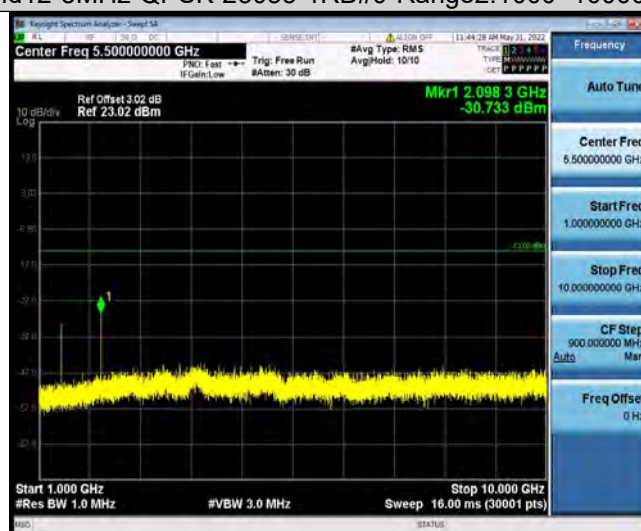
Band12-3MHz-16QAM-23165-1RB#0-Range2:1000~10000MHz



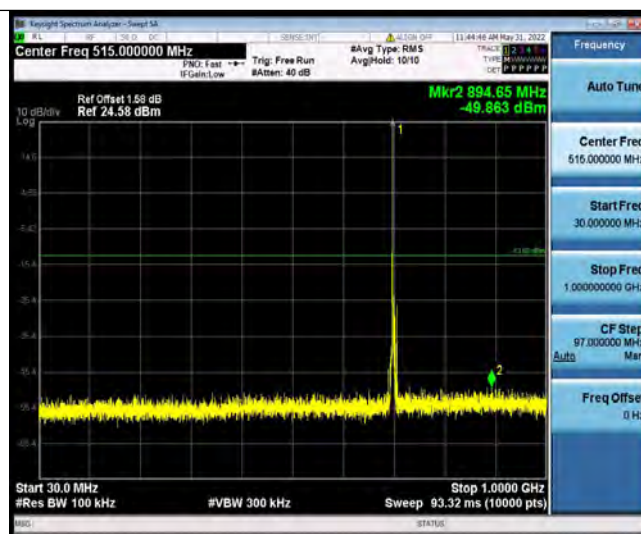
Band12-5MHz-QPSK-23035-1RB#0-Range1:30~1000MHz



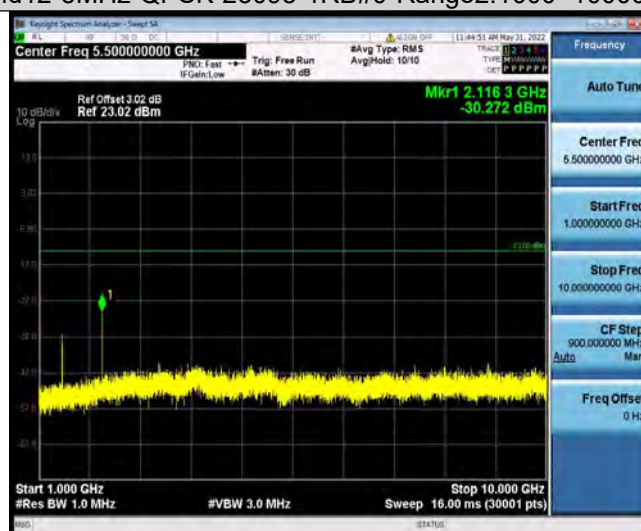
Band12-5MHz-QPSK-23035-1RB#0-Range2:1000~10000MHz



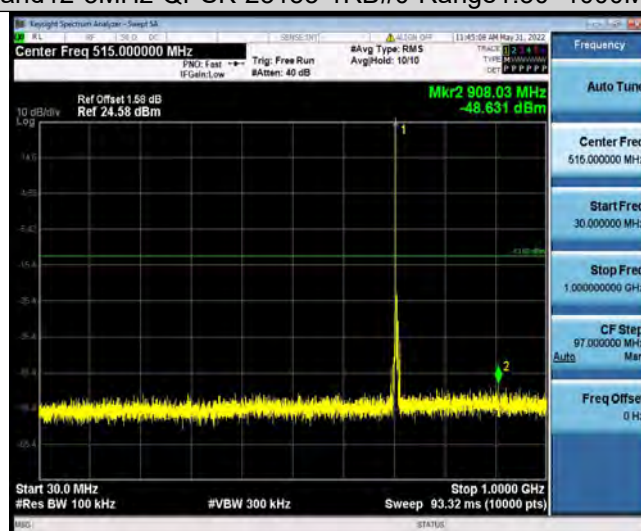
Band12-5MHz-QPSK-23095-1RB#0-Range1:30~1000MHz



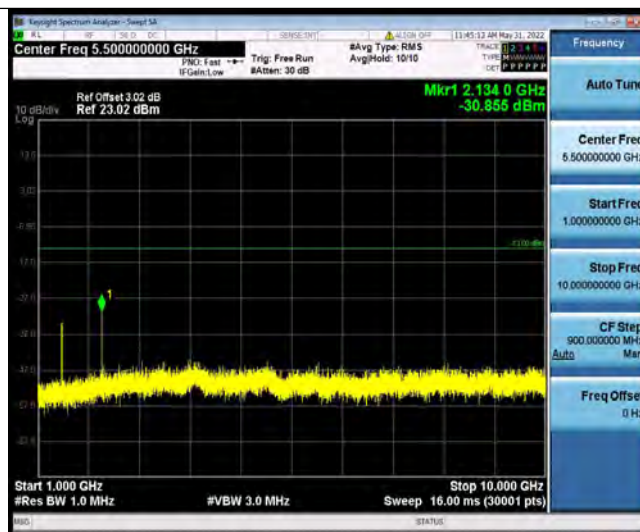
Band12-5MHz-QPSK-23095-1RB#0-Range2:1000~10000MHz



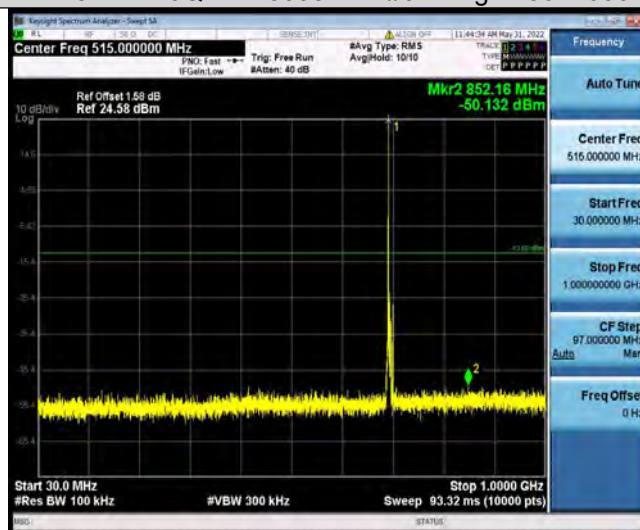
Band12-5MHz-QPSK-23155-1RB#0-Range1:30~1000MHz



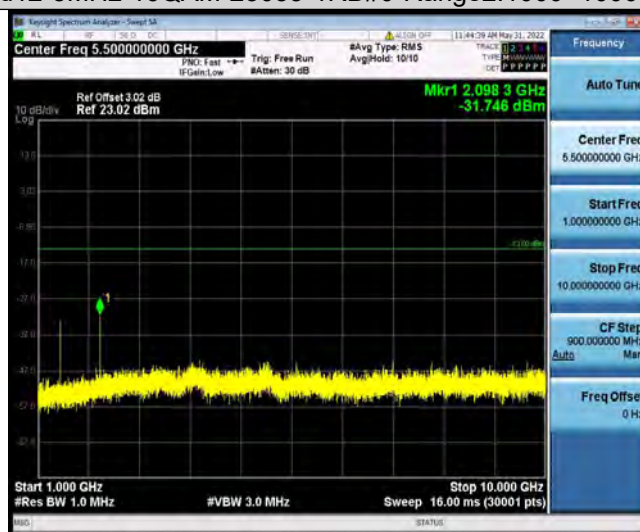
Band12-5MHz-QPSK-23155-1RB#0-Range2:1000~10000MHz



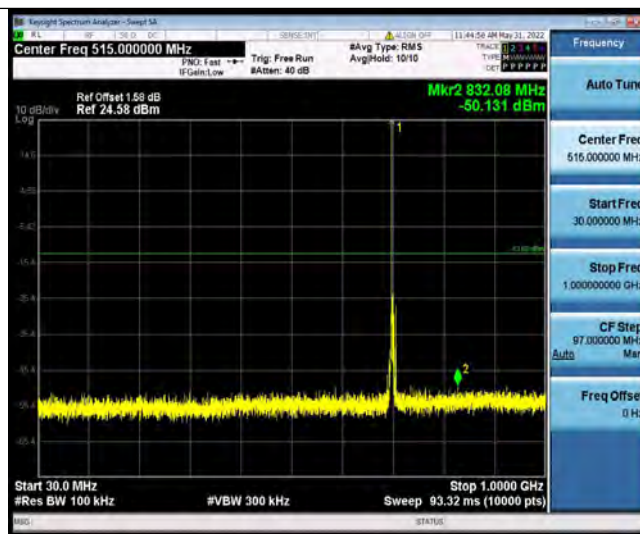
Band12-5MHz-16QAM-23035-1RB#0-Range1:30~1000MHz



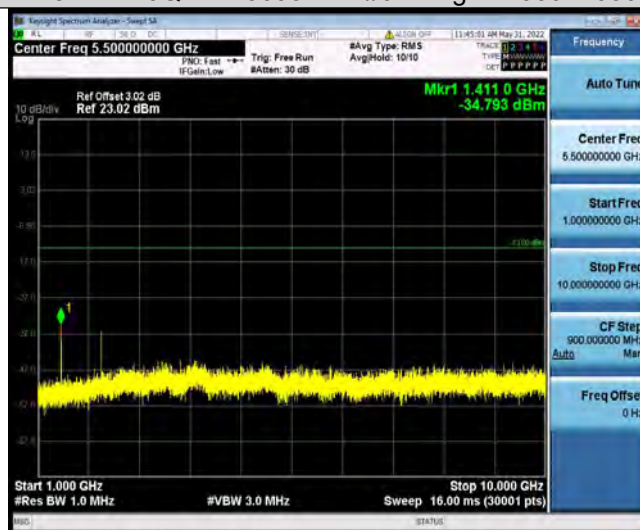
Band12-5MHz-16QAM-23035-1RB#0-Range2:1000~10000MHz



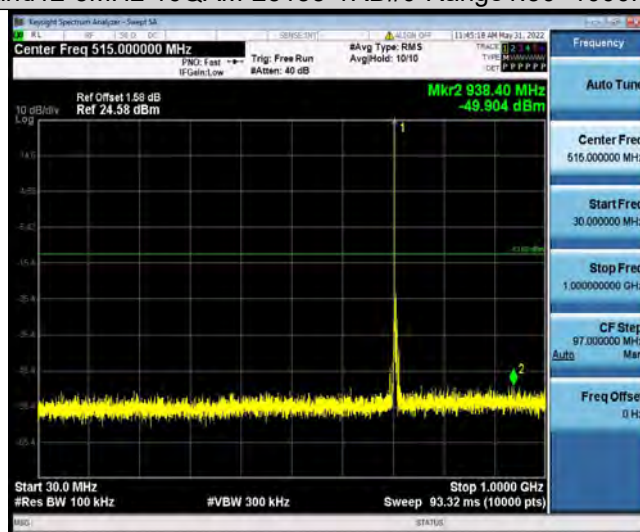
Band12-5MHz-16QAM-23095-1RB#0-Range1:30~1000MHz



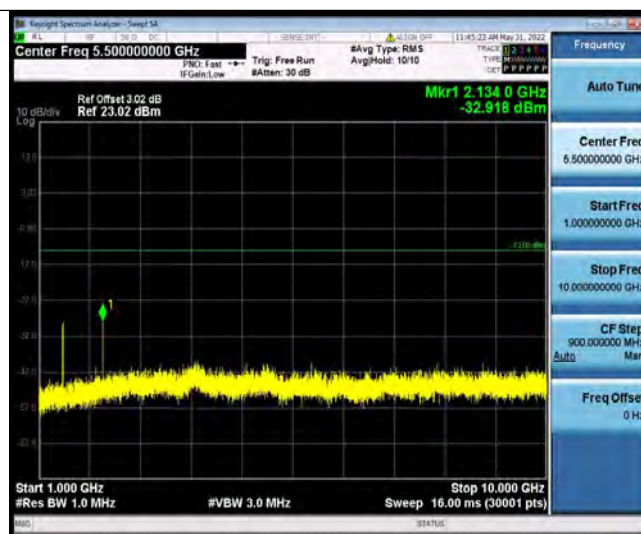
Band12-5MHz-16QAM-23095-1RB#0-Range2:1000~10000MHz



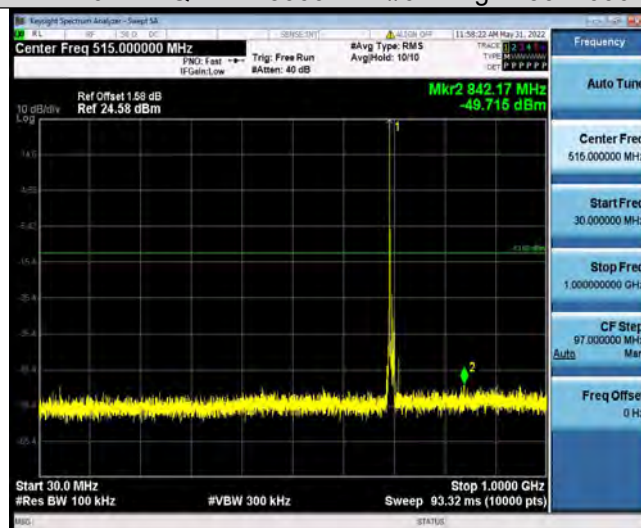
Band12-5MHz-16QAM-23155-1RB#0-Range1:30~1000MHz



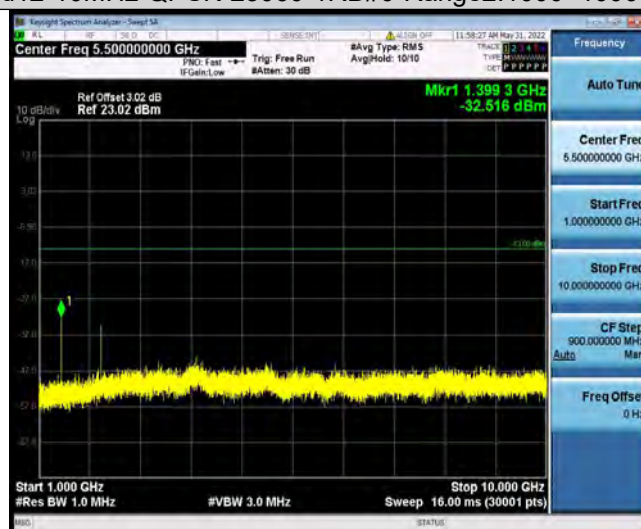
Band12-5MHz-16QAM-23155-1RB#0-Range2:1000~10000MHz



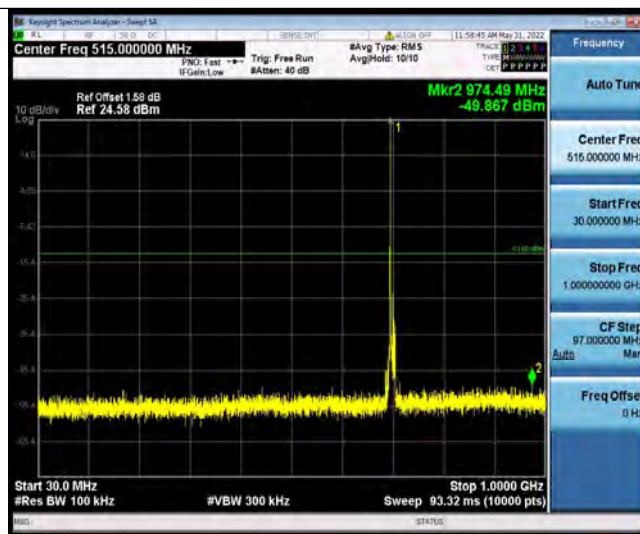
Band12-10MHz-QPSK-23060-1RB#0-Range1:30~1000MHz



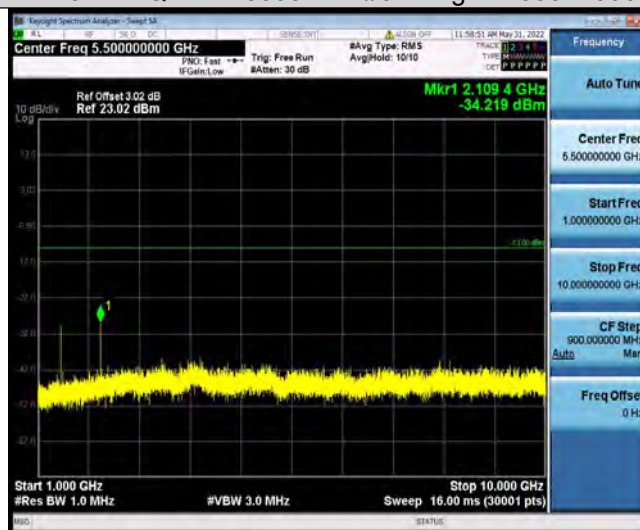
Band12-10MHz-QPSK-23060-1RB#0-Range2:1000~10000MHz



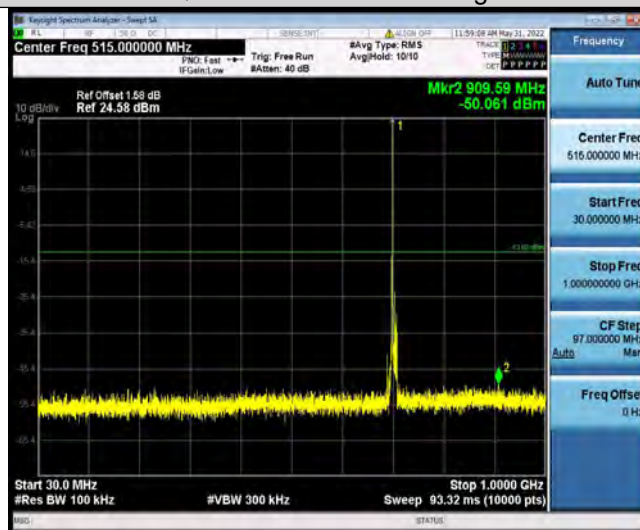
Band12-10MHz-QPSK-23095-1RB#0-Range1:30~1000MHz



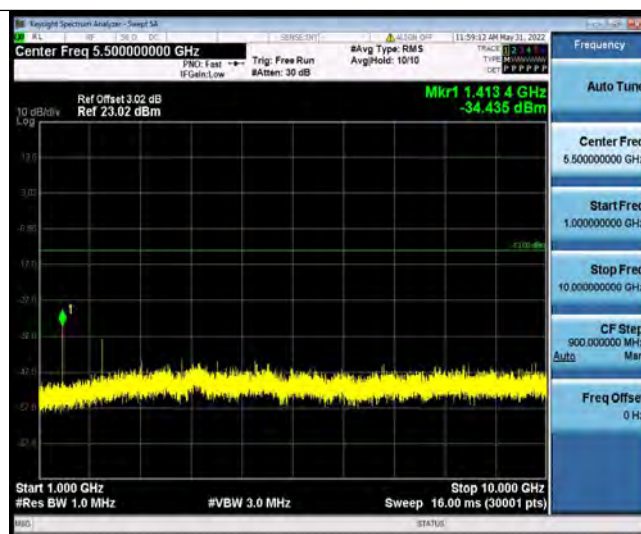
Band12-10MHz-QPSK-23095-1RB#0-Range2:1000~10000MHz



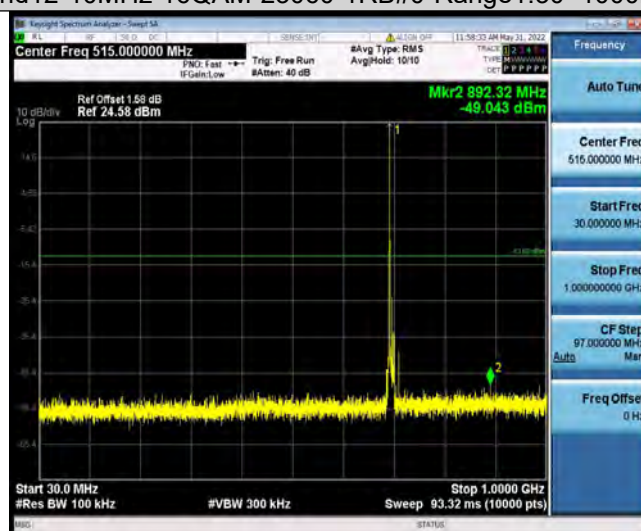
Band12-10MHz-QPSK-23130-1RB#0-Range1:30~1000MHz



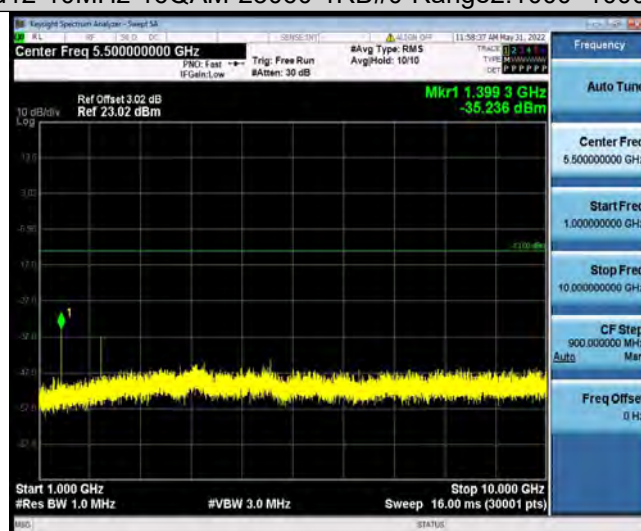
Band12-10MHz-QPSK-23130-1RB#0-Range2:1000~10000MHz



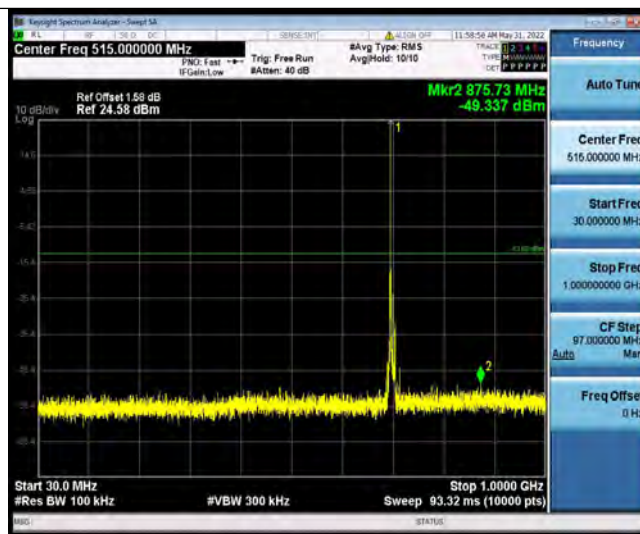
Band12-10MHz-16QAM-23060-1RB#0-Range1:30~1000MHz



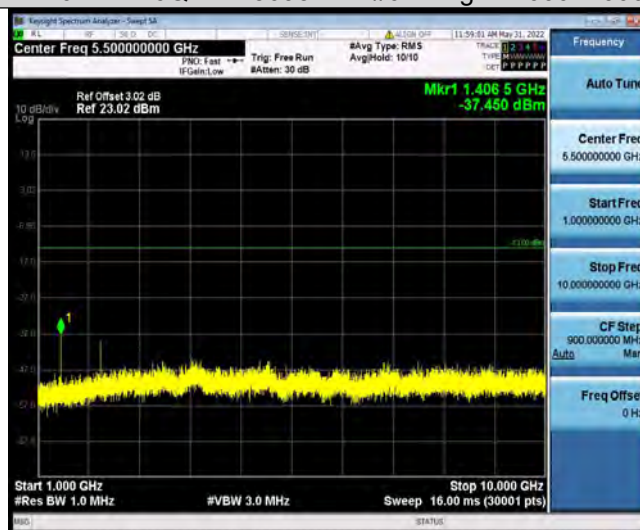
Band12-10MHz-16QAM-23060-1RB#0-Range2:1000~10000MHz



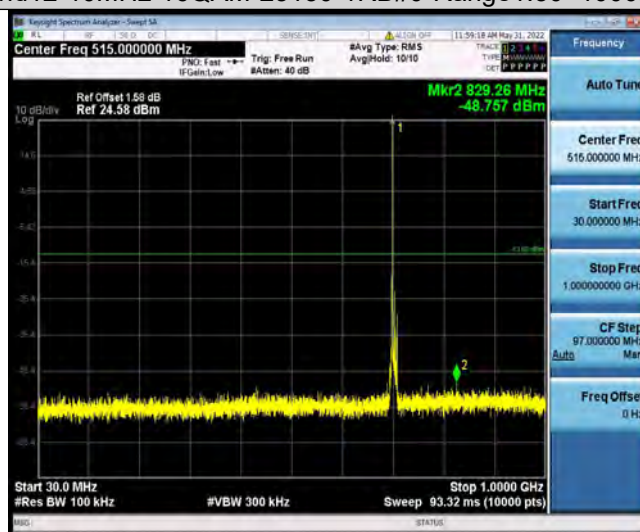
Band12-10MHz-16QAM-23095-1RB#0-Range1:30~1000MHz



Band12-10MHz-16QAM-23095-1RB#0-Range2:1000~10000MHz



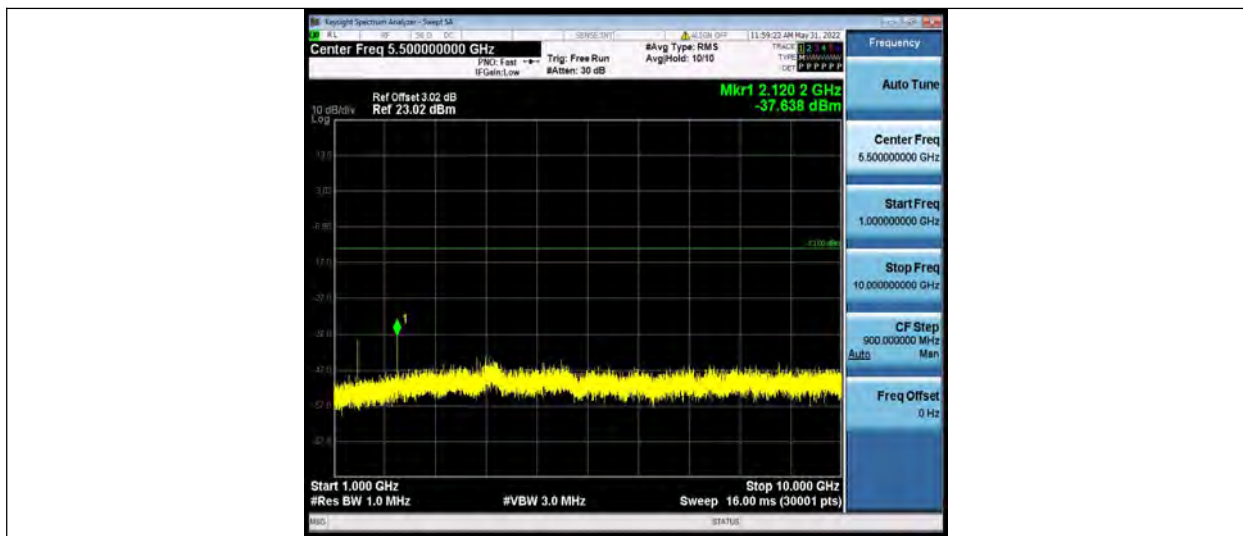
Band12-10MHz-16QAM-23130-1RB#0-Range1:30~1000MHz



Band12-10MHz-16QAM-23130-1RB#0-Range2:1000~10000MHz



Test Report No.: W7L-P22110018RF03



FREQUENCY STABILITY

Test Result

Voltage										
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band12	1.4MHz	QPSK	23017	6RB#0	VL	NT	-4.05	-0.005788	±2.5	PASS
Band12	1.4MHz	QPSK	23017	6RB#0	VN	NT	-1.46	-0.002087	±2.5	PASS
Band12	1.4MHz	QPSK	23017	6RB#0	VH	NT	-2.85	-0.004073	±2.5	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	VL	NT	-1.89	-0.002671	±2.5	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	VN	NT	-3.09	-0.004367	±2.5	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	VH	NT	-5.19	-0.007336	±2.5	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	VL	NT	-1.97	-0.002754	±2.5	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	VN	NT	1.69	0.002363	±2.5	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	VH	NT	-0.73	-0.001021	±2.5	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	VL	NT	1.89	0.002701	±2.5	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	VN	NT	-3.36	-0.004802	±2.5	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	VH	NT	-3.48	-0.004974	±2.5	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	VL	NT	-1.56	-0.002205	±2.5	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	VN	NT	2.52	0.003562	±2.5	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	VH	NT	-2.36	-0.003336	±2.5	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	VL	NT	-1.76	-0.002461	±2.5	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	VN	NT	-2.13	-0.002978	±2.5	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	VH	NT	-1.63	-0.002279	±2.5	PASS
Band12	3MHz	QPSK	23025	15RB#0	VL	NT	-3.30	-0.004711	±2.5	PASS
Band12	3MHz	QPSK	23025	15RB#0	VN	NT	-2.95	-0.004211	±2.5	PASS
Band12	3MHz	QPSK	23025	15RB#0	VH	NT	-3.81	-0.005439	±2.5	PASS
Band12	3MHz	QPSK	23095	15RB#0	VL	NT	-2.60	-0.003675	±2.5	PASS
Band12	3MHz	QPSK	23095	15RB#0	VN	NT	-3.25	-0.004594	±2.5	PASS
Band12	3MHz	QPSK	23095	15RB#0	VH	NT	-1.43	-0.002021	±2.5	PASS
Band12	3MHz	QPSK	23165	15RB#0	VL	NT	-2.45	-0.003429	±2.5	PASS



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Test Report No.: W7L-P22110018RF03

Band12	3MHz	QPSK	23165	15RB#0	VN	NT	-2.59	-0.003625	±2.5	PASS
Band12	3MHz	QPSK	23165	15RB#0	VH	NT	1.14	0.001596	±2.5	PASS
Band12	3MHz	16QAM	23025	15RB#0	VL	NT	-3.79	-0.005410	±2.5	PASS
Band12	3MHz	16QAM	23025	15RB#0	VN	NT	-2.33	-0.003326	±2.5	PASS
Band12	3MHz	16QAM	23025	15RB#0	VH	NT	-3.68	-0.005253	±2.5	PASS
Band12	3MHz	16QAM	23095	15RB#0	VL	NT	-3.23	-0.004565	±2.5	PASS
Band12	3MHz	16QAM	23095	15RB#0	VN	NT	-3.36	-0.004749	±2.5	PASS
Band12	3MHz	16QAM	23095	15RB#0	VH	NT	-3.96	-0.005597	±2.5	PASS
Band12	3MHz	16QAM	23165	15RB#0	VL	NT	-2.45	-0.003429	±2.5	PASS
Band12	3MHz	16QAM	23165	15RB#0	VN	NT	3.50	0.004899	±2.5	PASS
Band12	3MHz	16QAM	23165	15RB#0	VH	NT	1.73	0.002421	±2.5	PASS
Band12	5MHz	QPSK	23035	25RB#0	VL	NT	-3.16	-0.004505	±2.5	PASS
Band12	5MHz	QPSK	23035	25RB#0	VN	NT	-2.12	-0.003022	±2.5	PASS
Band12	5MHz	QPSK	23035	25RB#0	VH	NT	-1.66	-0.002366	±2.5	PASS
Band12	5MHz	QPSK	23095	25RB#0	VL	NT	-1.36	-0.001922	±2.5	PASS
Band12	5MHz	QPSK	23095	25RB#0	VN	NT	-3.76	-0.005314	±2.5	PASS
Band12	5MHz	QPSK	23095	25RB#0	VH	NT	-2.10	-0.002968	±2.5	PASS
Band12	5MHz	QPSK	23155	25RB#0	VL	NT	-2.19	-0.003069	±2.5	PASS
Band12	5MHz	QPSK	23155	25RB#0	VN	NT	-2.55	-0.003574	±2.5	PASS
Band12	5MHz	QPSK	23155	25RB#0	VH	NT	-3.39	-0.004751	±2.5	PASS
Band12	5MHz	16QAM	23035	25RB#0	VL	NT	-1.49	-0.002124	±2.5	PASS
Band12	5MHz	16QAM	23035	25RB#0	VN	NT	-3.55	-0.005061	±2.5	PASS
Band12	5MHz	16QAM	23035	25RB#0	VH	NT	-3.73	-0.005317	±2.5	PASS
Band12	5MHz	16QAM	23095	25RB#0	VL	NT	-1.20	-0.001696	±2.5	PASS
Band12	5MHz	16QAM	23095	25RB#0	VN	NT	-2.09	-0.002954	±2.5	PASS
Band12	5MHz	16QAM	23095	25RB#0	VH	NT	-3.09	-0.004367	±2.5	PASS
Band12	5MHz	16QAM	23155	25RB#0	VL	NT	-2.06	-0.002887	±2.5	PASS
Band12	5MHz	16QAM	23155	25RB#0	VN	NT	-1.40	-0.001962	±2.5	PASS
Band12	5MHz	16QAM	23155	25RB#0	VH	NT	-2.07	-0.002901	±2.5	PASS
Band12	10MHz	QPSK	23060	50RB#0	VL	NT	1.90	0.002699	±2.5	PASS
Band12	10MHz	QPSK	23060	50RB#0	VN	NT	1.20	0.001705	±2.5	PASS
Band12	10MHz	QPSK	23060	50RB#0	VH	NT	2.32	0.003295	±2.5	PASS
Band12	10MHz	QPSK	23095	50RB#0	VL	NT	2.80	0.003958	±2.5	PASS
Band12	10MHz	QPSK	23095	50RB#0	VN	NT	-2.07	-0.002926	±2.5	PASS
Band12	10MHz	QPSK	23095	50RB#0	VH	NT	1.75	0.002473	±2.5	PASS
Band12	10MHz	QPSK	23130	50RB#0	VL	NT	-2.49	-0.003502	±2.5	PASS
Band12	10MHz	QPSK	23130	50RB#0	VN	NT	-3.85	-0.005415	±2.5	PASS
Band12	10MHz	QPSK	23130	50RB#0	VH	NT	1.73	0.002433	±2.5	PASS
Band12	10MHz	16QAM	23060	50RB#0	VL	NT	2.47	0.003509	±2.5	PASS
Band12	10MHz	16QAM	23060	50RB#0	VN	NT	1.27	0.001804	±2.5	PASS
Band12	10MHz	16QAM	23060	50RB#0	VH	NT	-2.63	-0.003736	±2.5	PASS
Band12	10MHz	16QAM	23095	50RB#0	VL	NT	1.23	0.001739	±2.5	PASS
Band12	10MHz	16QAM	23095	50RB#0	VN	NT	2.98	0.004212	±2.5	PASS
Band12	10MHz	16QAM	23095	50RB#0	VH	NT	3.03	0.004283	±2.5	PASS
Band12	10MHz	16QAM	23130	50RB#0	VL	NT	-2.66	-0.003741	±2.5	PASS
Band12	10MHz	16QAM	23130	50RB#0	VN	NT	2.92	0.004107	±2.5	PASS
Band12	10MHz	16QAM	23130	50RB#0	VH	NT	2.52	0.003544	±2.5	PASS

Temperature



Test Report No.: W7L-P22110018RF03

Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band1_2	1.4MHz	QPSK	23017	6RB#0	NV	-30	-3.81	-0.005445	±2.5	PASS
Band1_2	1.4MHz	QPSK	23017	6RB#0	NV	-20	-2.03	-0.002901	±2.5	PASS
Band1_2	1.4MHz	QPSK	23017	6RB#0	NV	0	-2.36	-0.003373	±2.5	PASS
Band1_2	1.4MHz	QPSK	23017	6RB#0	NV	10	-2.92	-0.004173	±2.5	PASS
Band1_2	1.4MHz	QPSK	23017	6RB#0	NV	20	-2.90	-0.004145	±2.5	PASS
Band1_2	1.4MHz	QPSK	23017	6RB#0	NV	30	-2.29	-0.003273	±2.5	PASS
Band1_2	1.4MHz	QPSK	23017	6RB#0	NV	40	-2.46	-0.003516	±2.5	PASS
Band1_2	1.4MHz	QPSK	23017	6RB#0	NV	50	-1.79	-0.002558	±2.5	PASS
Band1_2	1.4MHz	QPSK	23095	6RB#0	NV	-30	-2.22	-0.003138	±2.5	PASS
Band1_2	1.4MHz	QPSK	23095	6RB#0	NV	-20	-2.99	-0.004226	±2.5	PASS
Band1_2	1.4MHz	QPSK	23095	6RB#0	NV	0	-3.02	-0.004269	±2.5	PASS
Band1_2	1.4MHz	QPSK	23095	6RB#0	NV	10	-1.85	-0.002615	±2.5	PASS
Band1_2	1.4MHz	QPSK	23095	6RB#0	NV	20	-2.50	-0.003534	±2.5	PASS
Band1_2	1.4MHz	QPSK	23095	6RB#0	NV	30	-4.01	-0.005668	±2.5	PASS
Band1_2	1.4MHz	QPSK	23095	6RB#0	NV	40	-3.58	-0.005060	±2.5	PASS
Band1_2	1.4MHz	QPSK	23095	6RB#0	NV	50	-2.70	-0.003816	±2.5	PASS
Band1_2	1.4MHz	QPSK	23173	6RB#0	NV	-30	-1.70	-0.002377	±2.5	PASS
Band1_2	1.4MHz	QPSK	23173	6RB#0	NV	-20	2.52	0.003523	±2.5	PASS
Band1_2	1.4MHz	QPSK	23173	6RB#0	NV	0	-2.60	-0.003635	±2.5	PASS
Band1_2	1.4MHz	QPSK	23173	6RB#0	NV	10	-1.80	-0.002516	±2.5	PASS
Band1_2	1.4MHz	QPSK	23173	6RB#0	NV	20	-1.16	-0.001622	±2.5	PASS
Band1_2	1.4MHz	QPSK	23173	6RB#0	NV	30	-2.23	-0.003118	±2.5	PASS
Band1_2	1.4MHz	QPSK	23173	6RB#0	NV	40	-1.95	-0.002726	±2.5	PASS
Band1_2	1.4MHz	QPSK	23173	6RB#0	NV	50	-1.87	-0.002614	±2.5	PASS
Band1_2	1.4MHz	16QAM	23017	6RB#0	NV	-30	-1.47	-0.002101	±2.5	PASS
Band1_2	1.4MHz	16QAM	23017	6RB#0	NV	-20	-3.52	-0.005031	±2.5	PASS



Test Report No.: W7L-P22110018RF03

Band1 2	1.4MHz	16QAM	23017	6RB#0	NV	0	-2.72	-0.003887	±2.5	PASS
Band1 2	1.4MHz	16QAM	23017	6RB#0	NV	10	-2.30	-0.003287	±2.5	PASS
Band1 2	1.4MHz	16QAM	23017	6RB#0	NV	20	-2.26	-0.003230	±2.5	PASS
Band1 2	1.4MHz	16QAM	23017	6RB#0	NV	30	-2.60	-0.003716	±2.5	PASS
Band1 2	1.4MHz	16QAM	23017	6RB#0	NV	40	-2.39	-0.003416	±2.5	PASS
Band1 2	1.4MHz	16QAM	23017	6RB#0	NV	50	-1.75	-0.002501	±2.5	PASS
Band1 2	1.4MHz	16QAM	23095	6RB#0	NV	-30	-2.47	-0.003491	±2.5	PASS
Band1 2	1.4MHz	16QAM	23095	6RB#0	NV	-20	-1.54	-0.002177	±2.5	PASS
Band1 2	1.4MHz	16QAM	23095	6RB#0	NV	0	-2.15	-0.003039	±2.5	PASS
Band1 2	1.4MHz	16QAM	23095	6RB#0	NV	10	-2.55	-0.003604	±2.5	PASS
Band1 2	1.4MHz	16QAM	23095	6RB#0	NV	20	2.37	0.003350	±2.5	PASS
Band1 2	1.4MHz	16QAM	23095	6RB#0	NV	30	-2.22	-0.003138	±2.5	PASS
Band1 2	1.4MHz	16QAM	23095	6RB#0	NV	40	-2.13	-0.003011	±2.5	PASS
Band1 2	1.4MHz	16QAM	23095	6RB#0	NV	50	1.79	0.002530	±2.5	PASS
Band1 2	1.4MHz	16QAM	23173	6RB#0	NV	-30	1.56	0.002181	±2.5	PASS
Band1 2	1.4MHz	16QAM	23173	6RB#0	NV	-20	-2.07	-0.002894	±2.5	PASS
Band1 2	1.4MHz	16QAM	23173	6RB#0	NV	0	1.62	0.002265	±2.5	PASS
Band1 2	1.4MHz	16QAM	23173	6RB#0	NV	10	-2.98	-0.004166	±2.5	PASS
Band1 2	1.4MHz	16QAM	23173	6RB#0	NV	20	-2.39	-0.003341	±2.5	PASS
Band1 2	1.4MHz	16QAM	23173	6RB#0	NV	30	-4.03	-0.005634	±2.5	PASS
Band1 2	1.4MHz	16QAM	23173	6RB#0	NV	40	-2.22	-0.003104	±2.5	PASS
Band1 2	1.4MHz	16QAM	23173	6RB#0	NV	50	-2.72	-0.003803	±2.5	PASS
Band1 2	3MHz	QPSK	23025	15RB#0	NV	-30	-2.68	-0.003826	±2.5	PASS
Band1 2	3MHz	QPSK	23025	15RB#0	NV	-20	-3.09	-0.004411	±2.5	PASS
Band1 2	3MHz	QPSK	23025	15RB#0	NV	0	-2.47	-0.003526	±2.5	PASS
Band1 2	3MHz	QPSK	23025	15RB#0	NV	10	-1.86	-0.002655	±2.5	PASS
Band1 2	3MHz	QPSK	23025	15RB#0	NV	20	-1.27	-0.001813	±2.5	PASS



Test Report No.: W7L-P22110018RF03

Band1 2	3MHz	QPSK	23025	15RB#0	NV	30	-1.42	-0.002027	±2.5	PASS
Band1 2	3MHz	QPSK	23025	15RB#0	NV	40	-2.39	-0.003412	±2.5	PASS
Band1 2	3MHz	QPSK	23025	15RB#0	NV	50	-2.93	-0.004183	±2.5	PASS
Band1 2	3MHz	QPSK	23095	15RB#0	NV	-30	-2.75	-0.003887	±2.5	PASS
Band1 2	3MHz	QPSK	23095	15RB#0	NV	-20	-2.88	-0.004071	±2.5	PASS
Band1 2	3MHz	QPSK	23095	15RB#0	NV	0	-2.17	-0.003067	±2.5	PASS
Band1 2	3MHz	QPSK	23095	15RB#0	NV	10	-1.30	-0.001837	±2.5	PASS
Band1 2	3MHz	QPSK	23095	15RB#0	NV	20	-1.73	-0.002445	±2.5	PASS
Band1 2	3MHz	QPSK	23095	15RB#0	NV	30	-1.36	-0.001922	±2.5	PASS
Band1 2	3MHz	QPSK	23095	15RB#0	NV	40	1.75	0.002473	±2.5	PASS
Band1 2	3MHz	QPSK	23095	15RB#0	NV	50	-3.12	-0.004410	±2.5	PASS
Band1 2	3MHz	QPSK	23165	15RB#0	NV	-30	-1.66	-0.002323	±2.5	PASS
Band1 2	3MHz	QPSK	23165	15RB#0	NV	-20	2.02	0.002827	±2.5	PASS
Band1 2	3MHz	QPSK	23165	15RB#0	NV	0	-1.80	-0.002519	±2.5	PASS
Band1 2	3MHz	QPSK	23165	15RB#0	NV	10	1.67	0.002337	±2.5	PASS
Band1 2	3MHz	QPSK	23165	15RB#0	NV	20	-1.90	-0.002659	±2.5	PASS
Band1 2	3MHz	QPSK	23165	15RB#0	NV	30	2.15	0.003009	±2.5	PASS
Band1 2	3MHz	QPSK	23165	15RB#0	NV	40	2.12	0.002967	±2.5	PASS
Band1 2	3MHz	QPSK	23165	15RB#0	NV	50	-2.95	-0.004129	±2.5	PASS
Band1 2	3MHz	16QAM	23025	15RB#0	NV	-30	-2.00	-0.002855	±2.5	PASS
Band1 2	3MHz	16QAM	23025	15RB#0	NV	-20	-2.96	-0.004226	±2.5	PASS
Band1 2	3MHz	16QAM	23025	15RB#0	NV	0	-4.62	-0.006595	±2.5	PASS
Band1 2	3MHz	16QAM	23025	15RB#0	NV	10	-3.68	-0.005253	±2.5	PASS
Band1 2	3MHz	16QAM	23025	15RB#0	NV	20	-3.08	-0.004397	±2.5	PASS
Band1 2	3MHz	16QAM	23025	15RB#0	NV	30	-2.66	-0.003797	±2.5	PASS
Band1 2	3MHz	16QAM	23025	15RB#0	NV	40	-3.22	-0.004597	±2.5	PASS
Band1 2	3MHz	16QAM	23025	15RB#0	NV	50	-2.98	-0.004254	±2.5	PASS



Test Report No.: W7L-P22110018RF03

Band1 2	3MHz	16QAM	23095	15RB#0	NV	-30	-1.69	-0.002389	±2.5	PASS
Band1 2	3MHz	16QAM	23095	15RB#0	NV	-20	-2.82	-0.003986	±2.5	PASS
Band1 2	3MHz	16QAM	23095	15RB#0	NV	0	-1.86	-0.002629	±2.5	PASS
Band1 2	3MHz	16QAM	23095	15RB#0	NV	10	-3.36	-0.004749	±2.5	PASS
Band1 2	3MHz	16QAM	23095	15RB#0	NV	20	-2.66	-0.003760	±2.5	PASS
Band1 2	3MHz	16QAM	23095	15RB#0	NV	30	-2.86	-0.004042	±2.5	PASS
Band1 2	3MHz	16QAM	23095	15RB#0	NV	40	2.13	0.003011	±2.5	PASS
Band1 2	3MHz	16QAM	23095	15RB#0	NV	50	-2.37	-0.003350	±2.5	PASS
Band1 2	3MHz	16QAM	23165	15RB#0	NV	-30	-2.78	-0.003891	±2.5	PASS
Band1 2	3MHz	16QAM	23165	15RB#0	NV	-20	2.50	0.003499	±2.5	PASS
Band1 2	3MHz	16QAM	23165	15RB#0	NV	0	1.77	0.002477	±2.5	PASS
Band1 2	3MHz	16QAM	23165	15RB#0	NV	10	-2.17	-0.003037	±2.5	PASS
Band1 2	3MHz	16QAM	23165	15RB#0	NV	20	-1.82	-0.002547	±2.5	PASS
Band1 2	3MHz	16QAM	23165	15RB#0	NV	30	1.75	0.002449	±2.5	PASS
Band1 2	3MHz	16QAM	23165	15RB#0	NV	40	-3.19	-0.004465	±2.5	PASS
Band1 2	3MHz	16QAM	23165	15RB#0	NV	50	1.44	0.002015	±2.5	PASS
Band1 2	5MHz	QPSK	23035	25RB#0	NV	-30	-2.62	-0.003735	±2.5	PASS
Band1 2	5MHz	QPSK	23035	25RB#0	NV	-20	-2.36	-0.003364	±2.5	PASS
Band1 2	5MHz	QPSK	23035	25RB#0	NV	0	-2.92	-0.004163	±2.5	PASS
Band1 2	5MHz	QPSK	23035	25RB#0	NV	10	-1.46	-0.002081	±2.5	PASS
Band1 2	5MHz	QPSK	23035	25RB#0	NV	20	-2.39	-0.003407	±2.5	PASS
Band1 2	5MHz	QPSK	23035	25RB#0	NV	30	-3.66	-0.005217	±2.5	PASS
Band1 2	5MHz	QPSK	23035	25RB#0	NV	40	-1.66	-0.002366	±2.5	PASS
Band1 2	5MHz	QPSK	23035	25RB#0	NV	50	2.37	0.003378	±2.5	PASS
Band1 2	5MHz	QPSK	23095	25RB#0	NV	-30	-1.86	-0.002629	±2.5	PASS
Band1 2	5MHz	QPSK	23095	25RB#0	NV	-20	-2.78	-0.003929	±2.5	PASS
Band1 2	5MHz	QPSK	23095	25RB#0	NV	0	2.55	0.003604	±2.5	PASS



Test Report No.: W7L-P22110018RF03

Band1 2	5MHz	QPSK	23095	25RB#0	NV	10	-1.07	-0.001512	±2.5	PASS
Band1 2	5MHz	QPSK	23095	25RB#0	NV	20	2.32	0.003279	±2.5	PASS
Band1 2	5MHz	QPSK	23095	25RB#0	NV	30	1.36	0.001922	±2.5	PASS
Band1 2	5MHz	QPSK	23095	25RB#0	NV	40	1.22	0.001724	±2.5	PASS
Band1 2	5MHz	QPSK	23095	25RB#0	NV	50	-2.12	-0.002996	±2.5	PASS
Band1 2	5MHz	QPSK	23155	25RB#0	NV	-30	-1.39	-0.001948	±2.5	PASS
Band1 2	5MHz	QPSK	23155	25RB#0	NV	-20	-1.66	-0.002327	±2.5	PASS
Band1 2	5MHz	QPSK	23155	25RB#0	NV	0	-1.54	-0.002158	±2.5	PASS
Band1 2	5MHz	QPSK	23155	25RB#0	NV	10	-2.32	-0.003252	±2.5	PASS
Band1 2	5MHz	QPSK	23155	25RB#0	NV	20	1.19	0.001668	±2.5	PASS
Band1 2	5MHz	QPSK	23155	25RB#0	NV	30	1.40	0.001962	±2.5	PASS
Band1 2	5MHz	QPSK	23155	25RB#0	NV	40	-2.57	-0.003602	±2.5	PASS
Band1 2	5MHz	QPSK	23155	25RB#0	NV	50	1.80	0.002523	±2.5	PASS
Band1 2	5MHz	16QAM	23035	25RB#0	NV	-30	-4.26	-0.006073	±2.5	PASS
Band1 2	5MHz	16QAM	23035	25RB#0	NV	-20	-2.45	-0.003493	±2.5	PASS
Band1 2	5MHz	16QAM	23035	25RB#0	NV	0	-2.93	-0.004177	±2.5	PASS
Band1 2	5MHz	16QAM	23035	25RB#0	NV	10	-4.21	-0.006001	±2.5	PASS
Band1 2	5MHz	16QAM	23035	25RB#0	NV	20	-2.46	-0.003507	±2.5	PASS
Band1 2	5MHz	16QAM	23035	25RB#0	NV	30	-2.89	-0.004120	±2.5	PASS
Band1 2	5MHz	16QAM	23035	25RB#0	NV	40	-3.60	-0.005132	±2.5	PASS
Band1 2	5MHz	16QAM	23035	25RB#0	NV	50	-3.78	-0.005388	±2.5	PASS
Band1 2	5MHz	16QAM	23095	25RB#0	NV	-30	-3.19	-0.004509	±2.5	PASS
Band1 2	5MHz	16QAM	23095	25RB#0	NV	-20	-3.10	-0.004382	±2.5	PASS
Band1 2	5MHz	16QAM	23095	25RB#0	NV	0	-3.73	-0.005272	±2.5	PASS
Band1 2	5MHz	16QAM	23095	25RB#0	NV	10	-2.72	-0.003845	±2.5	PASS
Band1 2	5MHz	16QAM	23095	25RB#0	NV	20	2.66	0.003760	±2.5	PASS
Band1 2	5MHz	16QAM	23095	25RB#0	NV	30	-3.08	-0.004353	±2.5	PASS



Test Report No.: W7L-P22110018RF03

Band1 2	5MHz	16QAM	23095	25RB#0	NV	40	-1.95	-0.002756	±2.5	PASS
Band1 2	5MHz	16QAM	23095	25RB#0	NV	50	-2.03	-0.002869	±2.5	PASS
Band1 2	5MHz	16QAM	23155	25RB#0	NV	-30	0.87	0.001219	±2.5	PASS
Band1 2	5MHz	16QAM	23155	25RB#0	NV	-20	-2.13	-0.002985	±2.5	PASS
Band1 2	5MHz	16QAM	23155	25RB#0	NV	0	-1.76	-0.002467	±2.5	PASS
Band1 2	5MHz	16QAM	23155	25RB#0	NV	10	-2.27	-0.003181	±2.5	PASS
Band1 2	5MHz	16QAM	23155	25RB#0	NV	20	-2.39	-0.003350	±2.5	PASS
Band1 2	5MHz	16QAM	23155	25RB#0	NV	30	-2.79	-0.003910	±2.5	PASS
Band1 2	5MHz	16QAM	23155	25RB#0	NV	40	-1.44	-0.002018	±2.5	PASS
Band1 2	5MHz	16QAM	23155	25RB#0	NV	50	-2.27	-0.003181	±2.5	PASS
Band1 2	10MHz	QPSK	23060	50RB#0	NV	-30	3.91	0.005554	±2.5	PASS
Band1 2	10MHz	QPSK	23060	50RB#0	NV	-20	3.32	0.004716	±2.5	PASS
Band1 2	10MHz	QPSK	23060	50RB#0	NV	0	2.93	0.004162	±2.5	PASS
Band1 2	10MHz	QPSK	23060	50RB#0	NV	10	2.68	0.003807	±2.5	PASS
Band1 2	10MHz	QPSK	23060	50RB#0	NV	20	2.36	0.003352	±2.5	PASS
Band1 2	10MHz	QPSK	23060	50RB#0	NV	30	4.05	0.005753	±2.5	PASS
Band1 2	10MHz	QPSK	23060	50RB#0	NV	40	2.25	0.003196	±2.5	PASS
Band1 2	10MHz	QPSK	23060	50RB#0	NV	50	3.15	0.004474	±2.5	PASS
Band1 2	10MHz	QPSK	23095	50RB#0	NV	-30	1.54	0.002177	±2.5	PASS
Band1 2	10MHz	QPSK	23095	50RB#0	NV	-20	1.47	0.002078	±2.5	PASS
Band1 2	10MHz	QPSK	23095	50RB#0	NV	0	2.23	0.003152	±2.5	PASS
Band1 2	10MHz	QPSK	23095	50RB#0	NV	10	2.35	0.003322	±2.5	PASS
Band1 2	10MHz	QPSK	23095	50RB#0	NV	20	1.90	0.002686	±2.5	PASS
Band1 2	10MHz	QPSK	23095	50RB#0	NV	30	2.27	0.003208	±2.5	PASS
Band1 2	10MHz	QPSK	23095	50RB#0	NV	40	2.65	0.003746	±2.5	PASS
Band1 2	10MHz	QPSK	23095	50RB#0	NV	50	1.85	0.002615	±2.5	PASS
Band1 2	10MHz	QPSK	23130	50RB#0	NV	-30	2.75	0.003868	±2.5	PASS



Test Report No.: W7L-P22110018RF03

Band1 2	10MHz	QPSK	23130	50RB#0	NV	-20	-1.14	-0.001603	±2.5	PASS
Band1 2	10MHz	QPSK	23130	50RB#0	NV	0	2.09	0.002940	±2.5	PASS
Band1 2	10MHz	QPSK	23130	50RB#0	NV	10	-2.32	-0.003263	±2.5	PASS
Band1 2	10MHz	QPSK	23130	50RB#0	NV	20	-3.26	-0.004585	±2.5	PASS
Band1 2	10MHz	QPSK	23130	50RB#0	NV	30	-2.99	-0.004205	±2.5	PASS
Band1 2	10MHz	QPSK	23130	50RB#0	NV	40	-2.09	-0.002940	±2.5	PASS
Band1 2	10MHz	QPSK	23130	50RB#0	NV	50	1.67	0.002349	±2.5	PASS
Band1 2	10MHz	16QAM	23060	50RB#0	NV	-30	1.92	0.002727	±2.5	PASS
Band1 2	10MHz	16QAM	23060	50RB#0	NV	-20	2.07	0.002940	±2.5	PASS
Band1 2	10MHz	16QAM	23060	50RB#0	NV	0	-2.47	-0.003509	±2.5	PASS
Band1 2	10MHz	16QAM	23060	50RB#0	NV	10	-1.44	-0.002045	±2.5	PASS
Band1 2	10MHz	16QAM	23060	50RB#0	NV	20	-2.05	-0.002912	±2.5	PASS
Band1 2	10MHz	16QAM	23060	50RB#0	NV	30	2.75	0.003906	±2.5	PASS
Band1 2	10MHz	16QAM	23060	50RB#0	NV	40	1.97	0.002798	±2.5	PASS
Band1 2	10MHz	16QAM	23060	50RB#0	NV	50	-2.23	-0.003168	±2.5	PASS
Band1 2	10MHz	16QAM	23095	50RB#0	NV	-30	2.39	0.003378	±2.5	PASS
Band1 2	10MHz	16QAM	23095	50RB#0	NV	-20	1.87	0.002643	±2.5	PASS
Band1 2	10MHz	16QAM	23095	50RB#0	NV	0	2.06	0.002912	±2.5	PASS
Band1 2	10MHz	16QAM	23095	50RB#0	NV	10	1.69	0.002389	±2.5	PASS
Band1 2	10MHz	16QAM	23095	50RB#0	NV	20	-1.73	-0.002445	±2.5	PASS
Band1 2	10MHz	16QAM	23095	50RB#0	NV	30	1.72	0.002431	±2.5	PASS
Band1 2	10MHz	16QAM	23095	50RB#0	NV	40	2.42	0.003420	±2.5	PASS
Band1 2	10MHz	16QAM	23095	50RB#0	NV	50	2.30	0.003251	±2.5	PASS
Band1 2	10MHz	16QAM	23130	50RB#0	NV	-30	-3.00	-0.004219	±2.5	PASS
Band1 2	10MHz	16QAM	23130	50RB#0	NV	-20	-2.17	-0.003052	±2.5	PASS
Band1 2	10MHz	16QAM	23130	50RB#0	NV	0	-2.23	-0.003136	±2.5	PASS
Band1 2	10MHz	16QAM	23130	50RB#0	NV	10	-2.45	-0.003446	±2.5	PASS



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VERITAS

Test Report No.: W7L-P22110018RF03

Band1 2	10MHz	16QAM	23130	50RB#0	NV	20	-3.03	-0.004262	±2.5	PASS
Band1 2	10MHz	16QAM	23130	50RB#0	NV	30	-1.99	-0.002799	±2.5	PASS
Band1 2	10MHz	16QAM	23130	50RB#0	NV	40	-1.57	-0.002208	±2.5	PASS
Band1 2	10MHz	16QAM	23130	50RB#0	NV	50	-2.93	-0.004121	±2.5	PASS



Test Report No.: W7L-P22110018RF03

LTE BAND66

PEAK-TO-AVERAGE RATIO(CCDF)

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band66	1.4MHz	QPSK	131979	1RB#0	3.26	13	PASS
Band66	1.4MHz	QPSK	131979	6RB#0	4.20	13	PASS
Band66	1.4MHz	QPSK	132322	1RB#0	3.64	13	PASS
Band66	1.4MHz	QPSK	132322	6RB#0	4.57	13	PASS
Band66	1.4MHz	QPSK	132665	1RB#0	1.66	13	PASS
Band66	1.4MHz	QPSK	132665	6RB#0	1.86	13	PASS
Band66	1.4MHz	16QAM	131979	1RB#0	4.29	13	PASS
Band66	1.4MHz	16QAM	131979	6RB#0	5.02	13	PASS
Band66	1.4MHz	16QAM	132322	1RB#0	4.68	13	PASS
Band66	1.4MHz	16QAM	132322	6RB#0	5.41	13	PASS
Band66	1.4MHz	16QAM	132665	1RB#0	2.50	13	PASS
Band66	1.4MHz	16QAM	132665	6RB#0	2.67	13	PASS
Band66	3MHz	QPSK	131987	1RB#0	3.39	13	PASS
Band66	3MHz	QPSK	131987	15RB#0	4.22	13	PASS
Band66	3MHz	QPSK	132322	1RB#0	3.77	13	PASS
Band66	3MHz	QPSK	132322	15RB#0	4.60	13	PASS
Band66	3MHz	QPSK	132657	1RB#0	1.96	13	PASS
Band66	3MHz	QPSK	132657	15RB#0	2.06	13	PASS
Band66	3MHz	16QAM	131987	1RB#0	4.29	13	PASS
Band66	3MHz	16QAM	131987	15RB#0	5.09	13	PASS
Band66	3MHz	16QAM	132322	1RB#0	4.60	13	PASS
Band66	3MHz	16QAM	132322	15RB#0	5.45	13	PASS
Band66	3MHz	16QAM	132657	1RB#0	2.80	13	PASS
Band66	3MHz	16QAM	132657	15RB#0	3.53	13	PASS
Band66	5MHz	QPSK	131997	1RB#0	3.49	13	PASS
Band66	5MHz	QPSK	131997	25RB#0	4.32	13	PASS
Band66	5MHz	QPSK	132322	1RB#0	3.85	13	PASS
Band66	5MHz	QPSK	132322	25RB#0	4.67	13	PASS
Band66	5MHz	QPSK	132647	1RB#0	2.56	13	PASS
Band66	5MHz	QPSK	132647	25RB#0	3.08	13	PASS
Band66	5MHz	16QAM	131997	1RB#0	4.58	13	PASS
Band66	5MHz	16QAM	131997	25RB#0	5.14	13	PASS
Band66	5MHz	16QAM	132322	1RB#0	4.83	13	PASS
Band66	5MHz	16QAM	132322	25RB#0	5.46	13	PASS
Band66	5MHz	16QAM	132647	1RB#0	3.38	13	PASS
Band66	5MHz	16QAM	132647	25RB#0	4.10	13	PASS
Band66	10MHz	QPSK	132022	1RB#0	3.56	13	PASS
Band66	10MHz	QPSK	132022	50RB#0	4.54	13	PASS
Band66	10MHz	QPSK	132322	1RB#0	3.88	13	PASS
Band66	10MHz	QPSK	132322	50RB#0	4.83	13	PASS
Band66	10MHz	QPSK	132622	1RB#0	2.90	13	PASS
Band66	10MHz	QPSK	132622	50RB#0	3.73	13	PASS



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VERITAS

Test Report No.: W7L-P22110018RF03

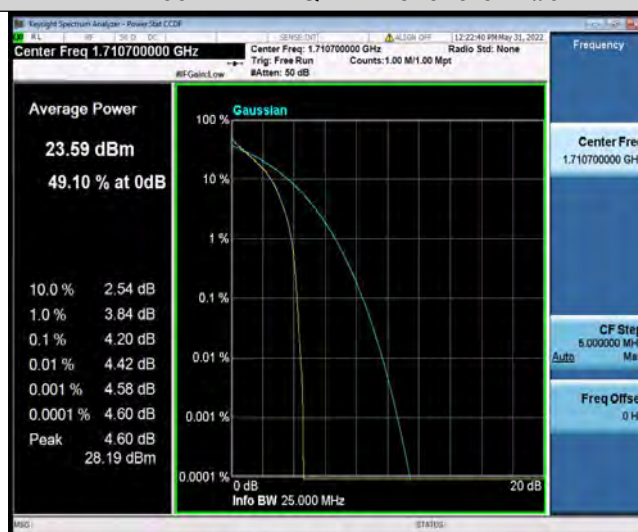
Band66	10MHz	16QAM	132022	1RB#0	4.42	13	PASS
Band66	10MHz	16QAM	132022	50RB#0	5.46	13	PASS
Band66	10MHz	16QAM	132322	1RB#0	4.68	13	PASS
Band66	10MHz	16QAM	132322	50RB#0	5.66	13	PASS
Band66	10MHz	16QAM	132622	1RB#0	3.64	13	PASS
Band66	10MHz	16QAM	132622	50RB#0	4.70	13	PASS
Band66	15MHz	QPSK	132047	1RB#0	3.65	13	PASS
Band66	15MHz	QPSK	132047	75RB#0	4.86	13	PASS
Band66	15MHz	QPSK	132322	1RB#0	3.94	13	PASS
Band66	15MHz	QPSK	132322	75RB#0	5.03	13	PASS
Band66	15MHz	QPSK	132597	1RB#0	3.47	13	PASS
Band66	15MHz	QPSK	132597	75RB#0	4.25	13	PASS
Band66	15MHz	16QAM	132047	1RB#0	4.42	13	PASS
Band66	15MHz	16QAM	132047	75RB#0	5.63	13	PASS
Band66	15MHz	16QAM	132322	1RB#0	4.72	13	PASS
Band66	15MHz	16QAM	132322	75RB#0	5.77	13	PASS
Band66	15MHz	16QAM	132597	1RB#0	4.22	13	PASS
Band66	15MHz	16QAM	132597	75RB#0	5.02	13	PASS
Band66	20MHz	QPSK	132072	1RB#0	3.64	13	PASS
Band66	20MHz	QPSK	132072	100RB#0	4.71	13	PASS
Band66	20MHz	QPSK	132322	1RB#0	3.76	13	PASS
Band66	20MHz	QPSK	132322	100RB#0	4.85	13	PASS
Band66	20MHz	QPSK	132572	1RB#0	3.48	13	PASS
Band66	20MHz	QPSK	132572	100RB#0	4.27	13	PASS
Band66	20MHz	16QAM	132072	1RB#0	4.38	13	PASS
Band66	20MHz	16QAM	132072	100RB#0	5.54	13	PASS
Band66	20MHz	16QAM	132322	1RB#0	4.49	13	PASS
Band66	20MHz	16QAM	132322	100RB#0	5.66	13	PASS
Band66	20MHz	16QAM	132572	1RB#0	4.34	13	PASS
Band66	20MHz	16QAM	132572	100RB#0	5.11	13	PASS

Test Graphs

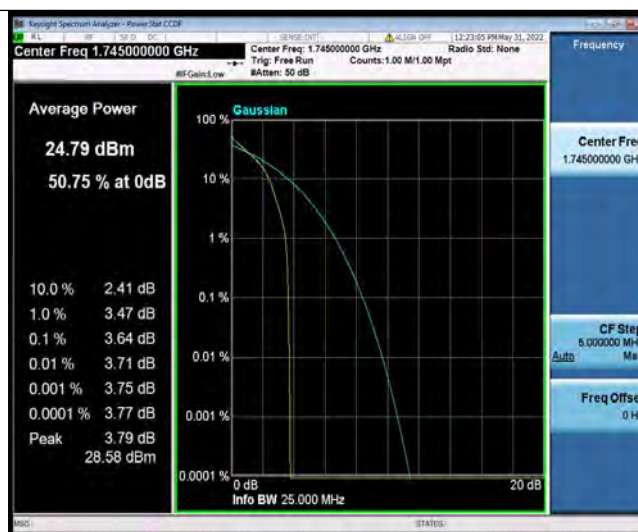
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Band66-1.4MHz-QPSK-131979-6RB#0



Band66-1.4MHz-QPSK-132322-1RB#0



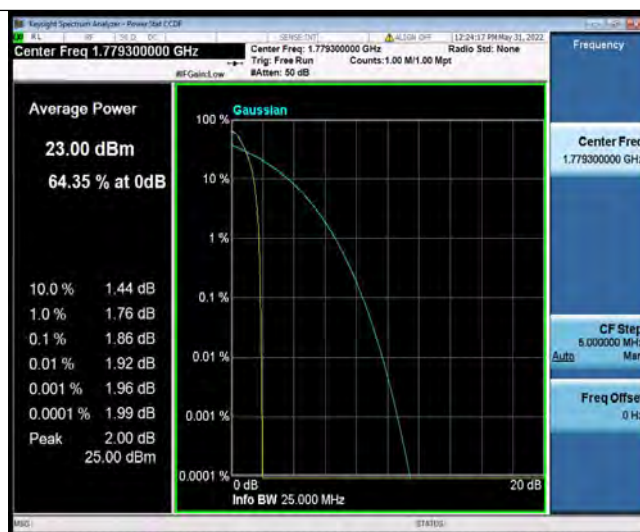
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Band66-1.4MHz-QPSK-132665-1RB#0



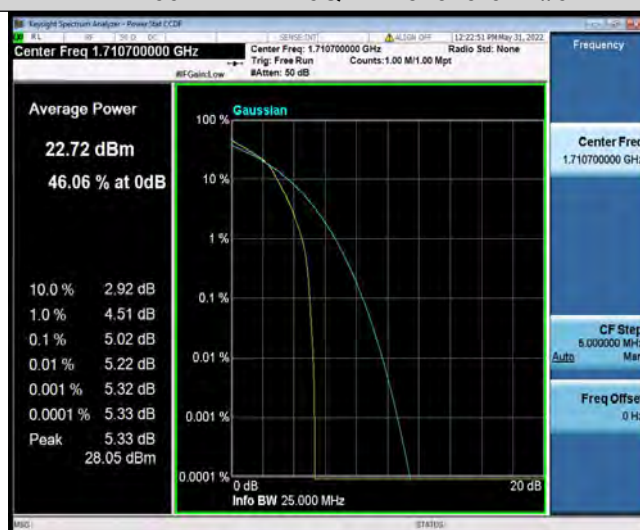
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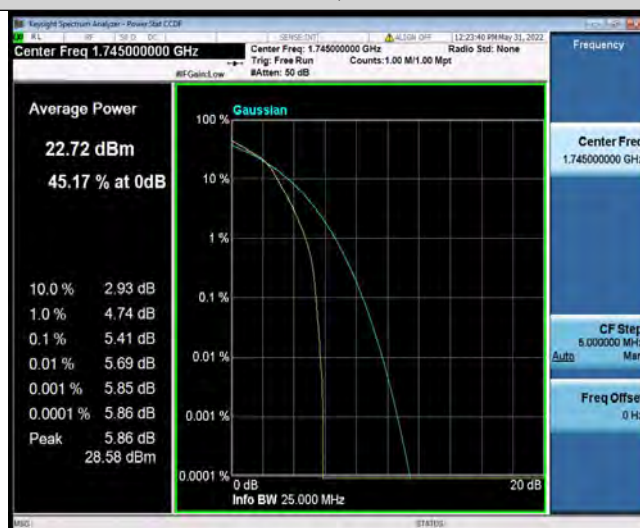
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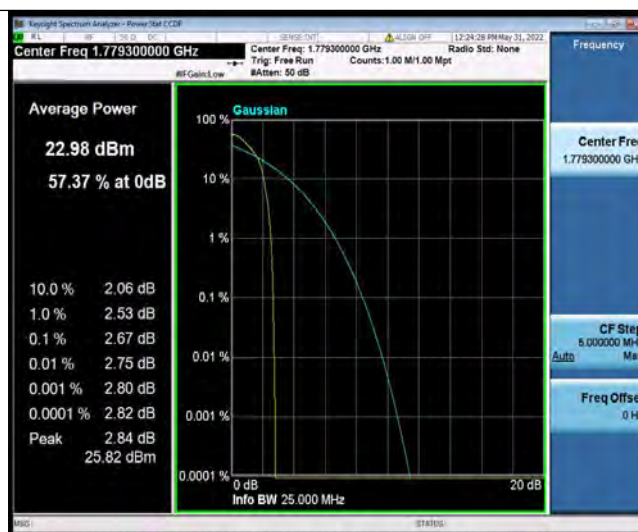
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Band66-1.4MHz-16QAM-132665-1RB#0



Band66-1.4MHz-16QAM-132665-6RB#0



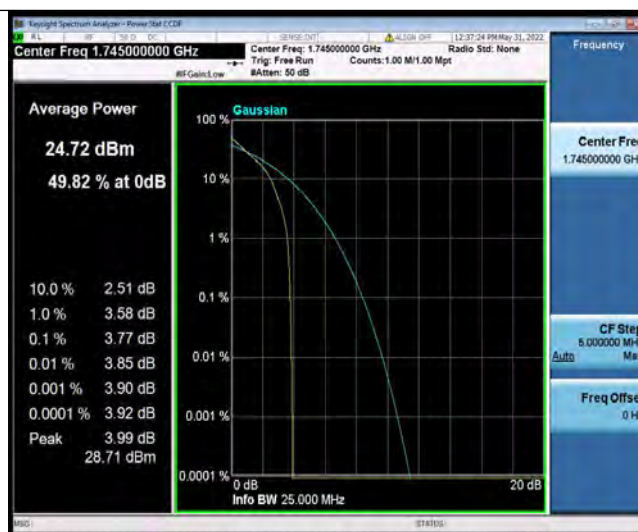
Band66-3MHz-QPSK-131987-1RB#0



Band66-3MHz-QPSK-131987-15RB#0



Band66-3MHz-QPSK-132322-1RB#0



Band66-3MHz-QPSK-132322-15RB#0



Band66-3MHz-QPSK-132657-1RB#0



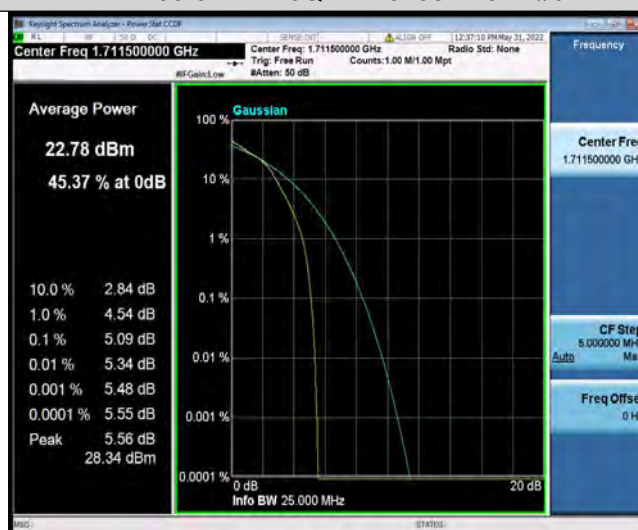
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Band66-3MHz-16QAM-131987-15RB#0



Band66-3MHz-16QAM-132322-1RB#0



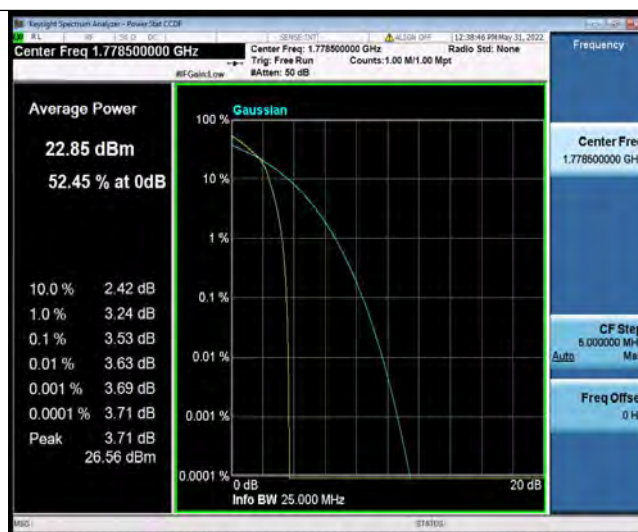
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Band66-3MHz-16QAM-132657-1RB#0



Band66-3MHz-16QAM-132657-15RB#0



Band66-5MHz-QPSK-131997-1RB#0



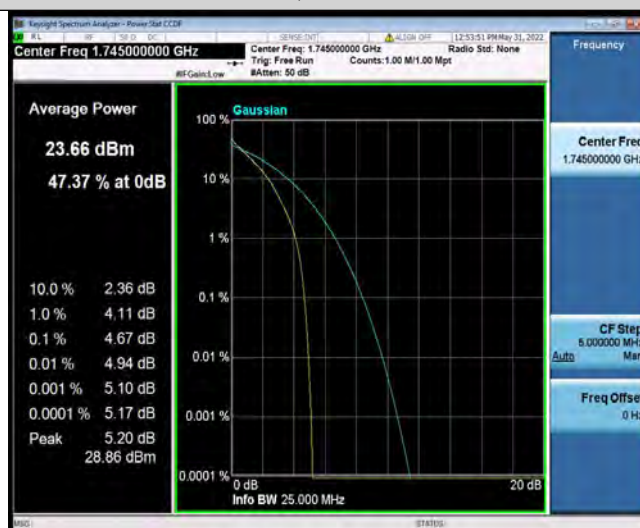
Band66-5MHz-QPSK-131997-25RB#0



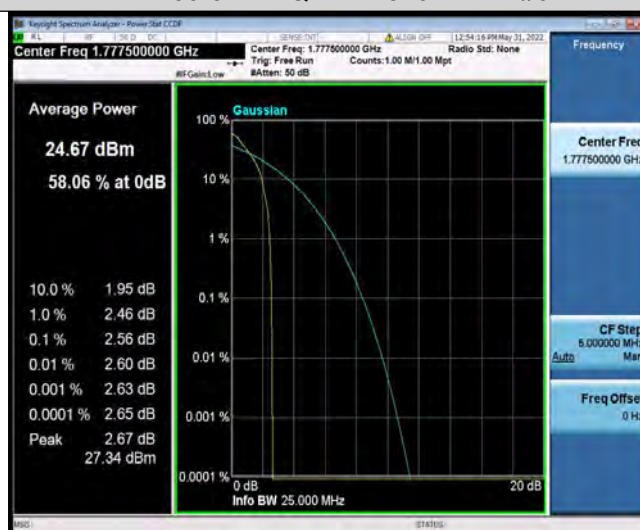
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Band66-5MHz-QPSK-132322-25RB#0



Band66-5MHz-QPSK-132647-1RB#0



Band66-5MHz-QPSK-132647-25RB#0



Band66-5MHz-16QAM-131997-1RB#0



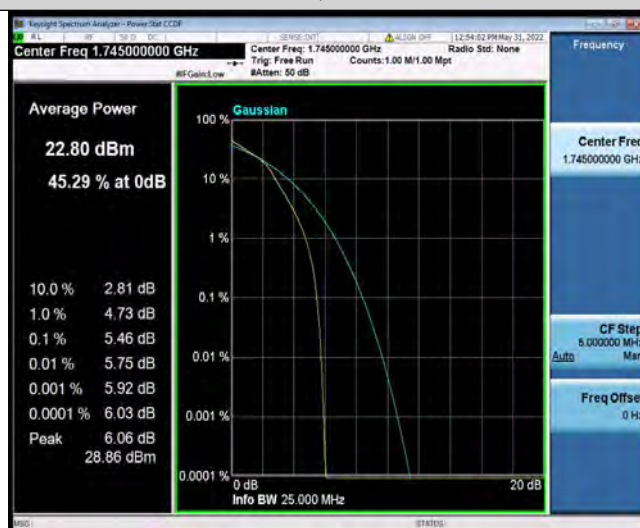
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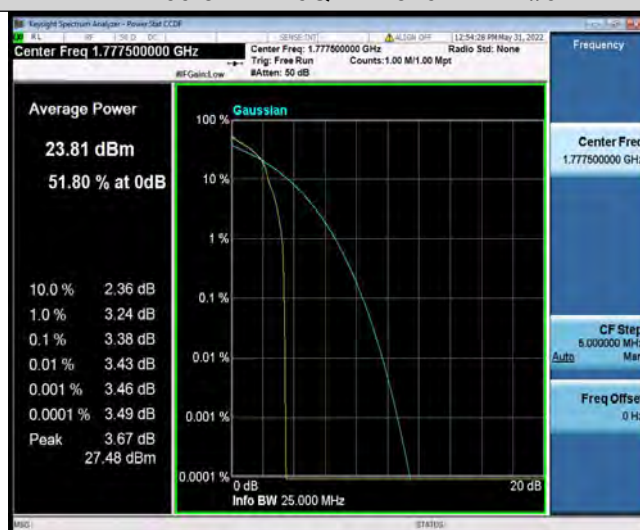
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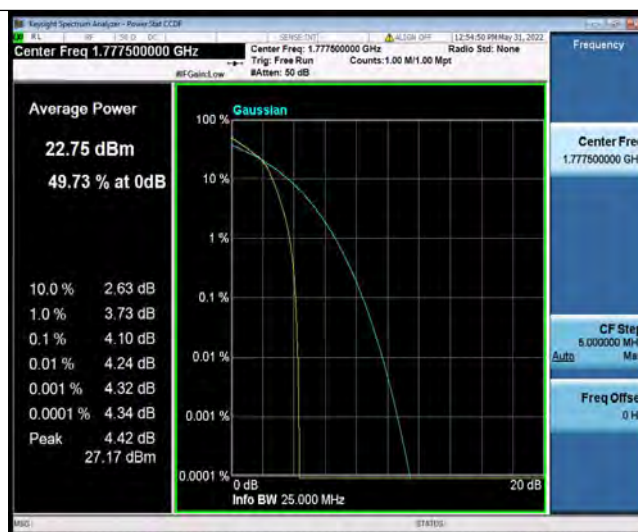
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Band66-5MHz-16QAM-132647-1RB#0



Band66-5MHz-16QAM-132647-25RB#0



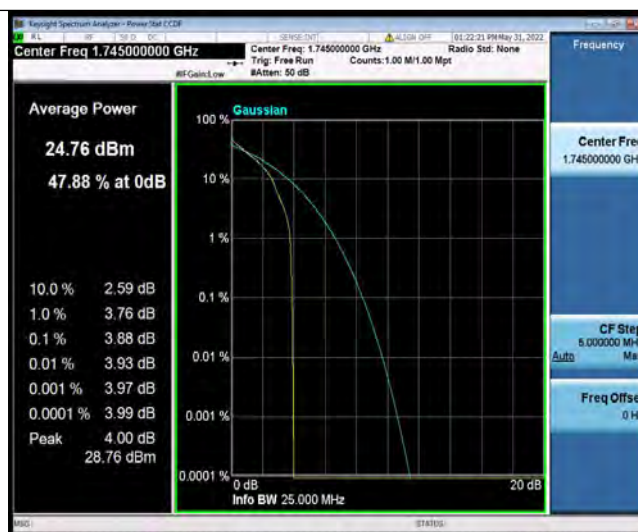
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Band66-10MHz-QPSK-132022-50RB#0



Band66-10MHz-QPSK-132322-1RB#0



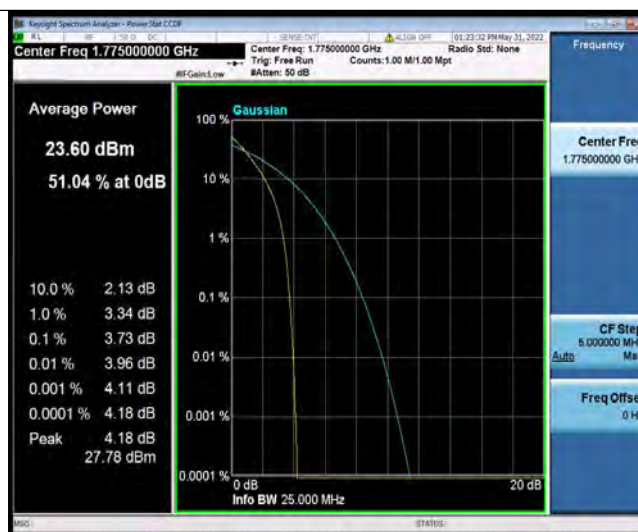
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Band66-10MHz-QPSK-132622-1RB#0



Band66-10MHz-QPSK-132622-50RB#0



Band66-10MHz-16QAM-132022-1RB#0



Band66-10MHz-16QAM-132022-50RB#0



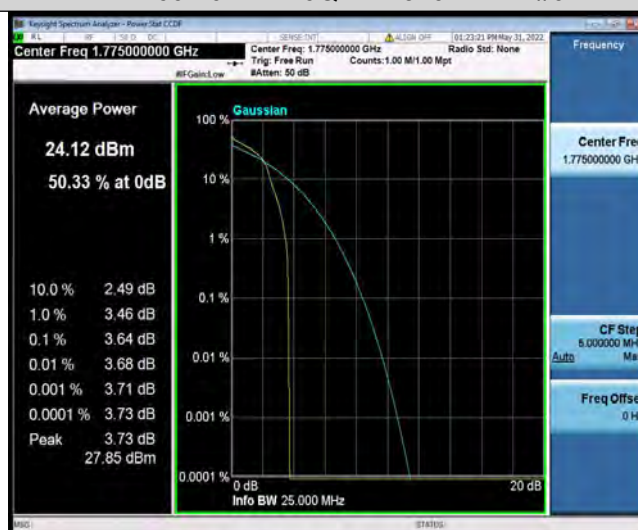
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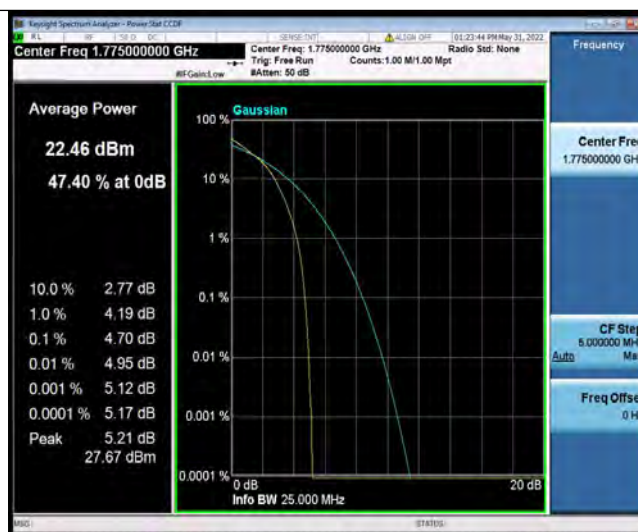
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Band66-10MHz-16QAM-132622-50RB#0



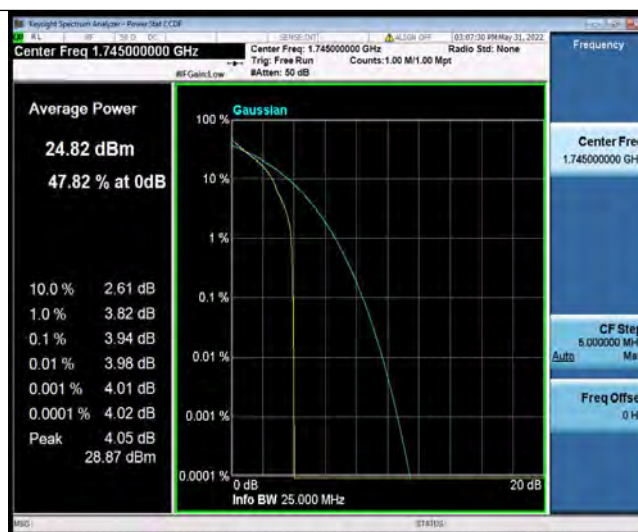
Band66-15MHz-QPSK-132047-1RB#0



Band66-15MHz-QPSK-132047-75RB#0



Band66-15MHz-QPSK-132322-1RB#0



Band66-15MHz-QPSK-132322-75RB#0



Band66-15MHz-QPSK-132597-1RB#0



Band66-15MHz-QPSK-132597-75RB#0



Band66-15MHz-16QAM-132047-1RB#0



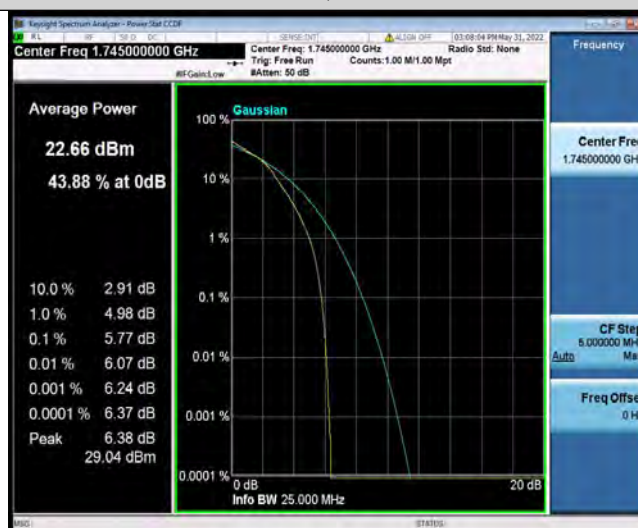
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Band66-15MHz-16QAM-132322-1RB#0



Band66-15MHz-16QAM-132322-75RB#0



Band66-15MHz-16QAM-132597-1RB#0



Band66-15MHz-16QAM-132597-75RB#0



Band66-20MHz-QPSK-132072-1RB#0



Band66-20MHz-QPSK-132072-100RB#0



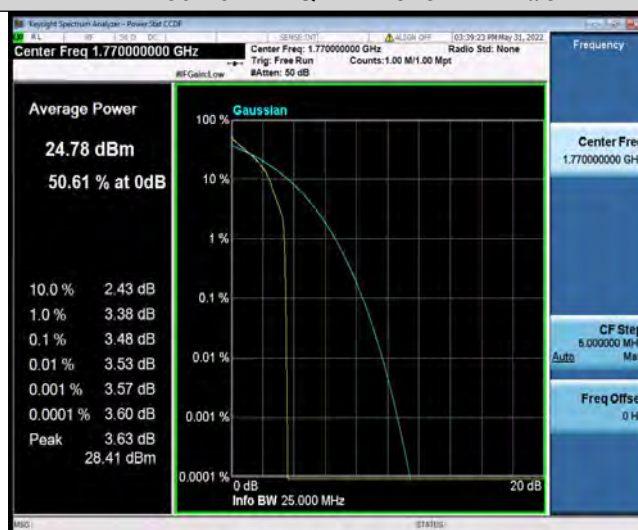
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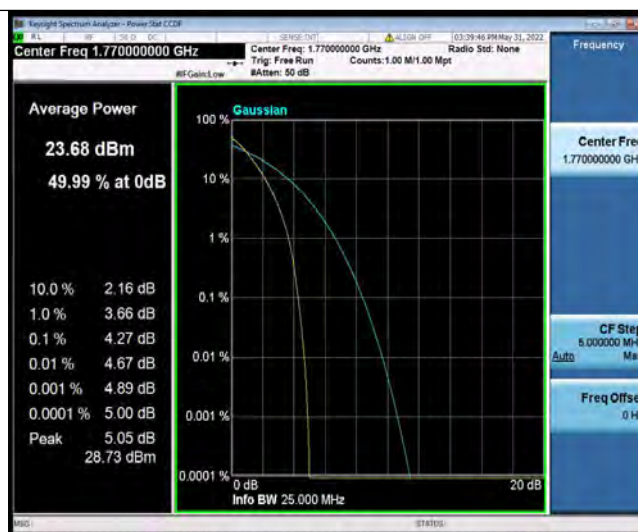
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Band66-20MHz-QPSK-132572-1RB#0



Band66-20MHz-QPSK-132572-100RB#0



Band66-20MHz-16QAM-132072-1RB#0



Band66-20MHz-16QAM-132072-100RB#0



Band66-20MHz-16QAM-132322-1RB#0



Band66-20MHz-16QAM-132322-100RB#0



Band66-20MHz-16QAM-132572-1RB#0



Band66-20MHz-16QAM-132572-100RB#0



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	1.0898	1.276	PASS
Band66	1.4MHz	QPSK	132322	6RB#0	1.0918	1.271	PASS
Band66	1.4MHz	QPSK	132665	6RB#0	1.1076	1.812	PASS
Band66	1.4MHz	16QAM	131979	6RB#0	1.0905	1.274	PASS
Band66	1.4MHz	16QAM	132322	6RB#0	1.0889	1.267	PASS
Band66	1.4MHz	16QAM	132665	6RB#0	1.0984	1.479	PASS
Band66	3MHz	QPSK	131987	15RB#0	2.6978	2.896	PASS
Band66	3MHz	QPSK	132322	15RB#0	2.6966	2.921	PASS
Band66	3MHz	QPSK	132657	15RB#0	2.7187	4.204	PASS
Band66	3MHz	16QAM	131987	15RB#0	2.6883	2.931	PASS
Band66	3MHz	16QAM	132322	15RB#0	2.6964	2.935	PASS
Band66	3MHz	16QAM	132657	15RB#0	2.7064	3.327	PASS
Band66	5MHz	QPSK	131997	25RB#0	4.5004	4.907	PASS
Band66	5MHz	QPSK	132322	25RB#0	4.4996	4.912	PASS
Band66	5MHz	QPSK	132647	25RB#0	4.5149	5.086	PASS
Band66	5MHz	16QAM	131997	25RB#0	4.5039	4.915	PASS
Band66	5MHz	16QAM	132322	25RB#0	4.5001	4.870	PASS
Band66	5MHz	16QAM	132647	25RB#0	4.5048	4.938	PASS
Band66	10MHz	QPSK	132022	50RB#0	8.9618	9.529	PASS
Band66	10MHz	QPSK	132322	50RB#0	8.9656	9.550	PASS
Band66	10MHz	QPSK	132622	50RB#0	8.9648	9.517	PASS
Band66	10MHz	16QAM	132022	50RB#0	8.9594	9.514	PASS
Band66	10MHz	16QAM	132322	50RB#0	8.9514	9.526	PASS
Band66	10MHz	16QAM	132622	50RB#0	8.9490	9.548	PASS
Band66	15MHz	QPSK	132047	75RB#0	13.465	30.00	PASS
Band66	15MHz	QPSK	132322	75RB#0	13.423	14.24	PASS
Band66	15MHz	QPSK	132597	75RB#0	13.432	14.24	PASS
Band66	15MHz	16QAM	132047	75RB#0	13.456	30.00	PASS
Band66	15MHz	16QAM	132322	75RB#0	13.419	14.24	PASS
Band66	15MHz	16QAM	132597	75RB#0	13.410	14.24	PASS
Band66	20MHz	QPSK	132072	100RB#0	17.881	18.95	PASS
Band66	20MHz	QPSK	132322	100RB#0	17.896	18.96	PASS
Band66	20MHz	QPSK	132572	100RB#0	17.866	18.93	PASS
Band66	20MHz	16QAM	132072	100RB#0	17.893	18.96	PASS
Band66	20MHz	16QAM	132322	100RB#0	17.894	18.94	PASS
Band66	20MHz	16QAM	132572	100RB#0	17.863	18.94	PASS

Test Graphs

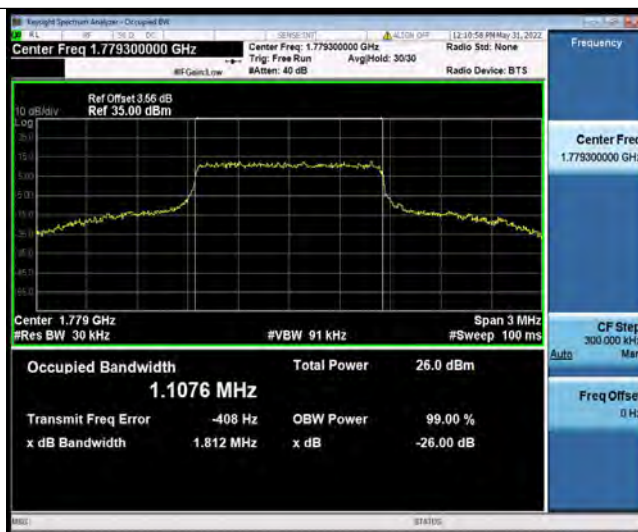
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Band66-1.4MHz-QPSK-132322-6RB#0



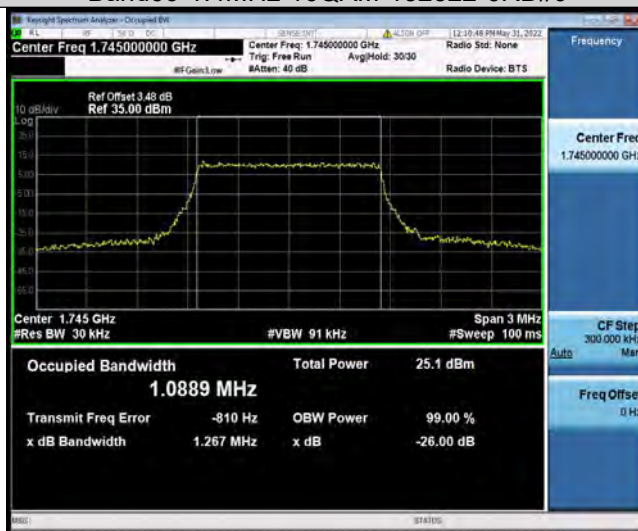
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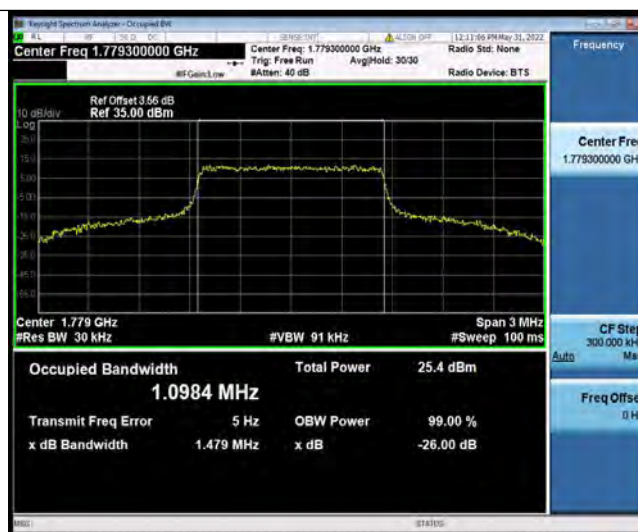
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Band66-1.4MHz-16QAM-132322-6RB#0



Band66-1.4MHz-16QAM-132665-6RB#0



Band66-3MHz-QPSK-131987-15RB#0



Band66-3MHz-QPSK-132322-15RB#0



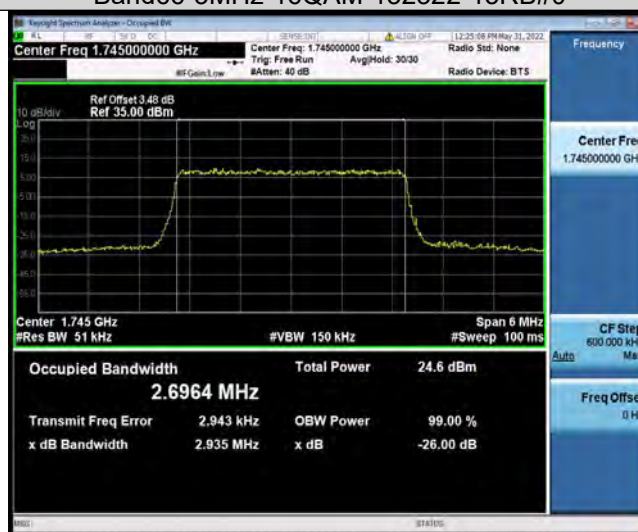
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Band66-3MHz-16QAM-131987-15RB#0



Band66-3MHz-16QAM-132322-15RB#0



Band66-3MHz-16QAM-132657-15RB#0



Band66-5MHz-QPSK-131997-25RB#0



Band66-5MHz-QPSK-132322-25RB#0



Band66-5MHz-QPSK-132647-25RB#0



Band66-5MHz-16QAM-131997-25RB#0



Band66-5MHz-16QAM-132322-25RB#0



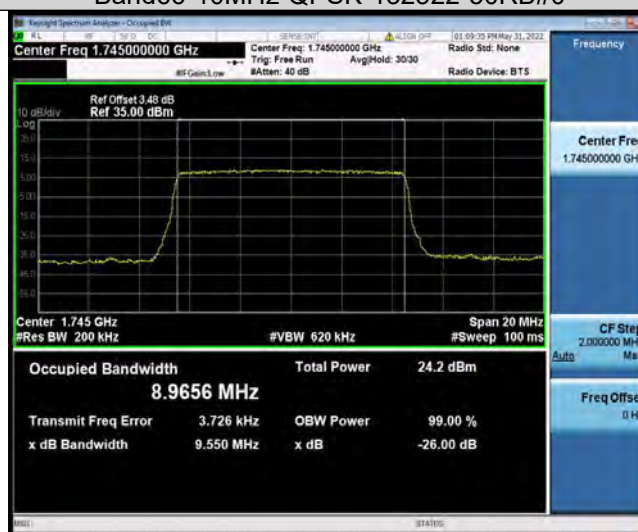
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Band66-10MHz-QPSK-132022-50RB#0



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Band66-10MHz-16QAM-132022-50RB#0



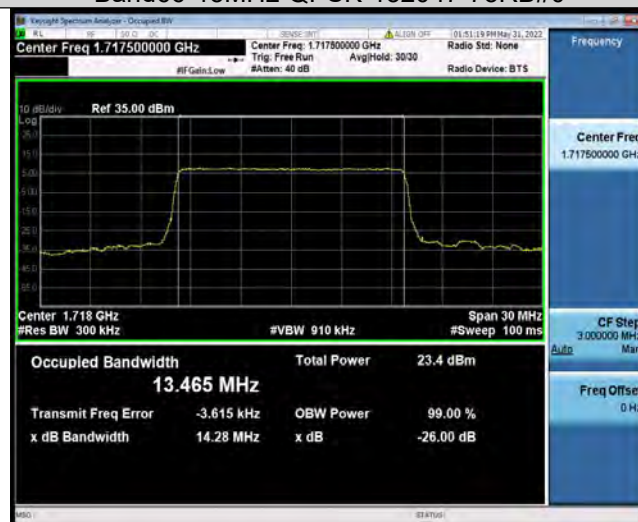
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Band66-15MHz-QPSK-132047-75RB#0



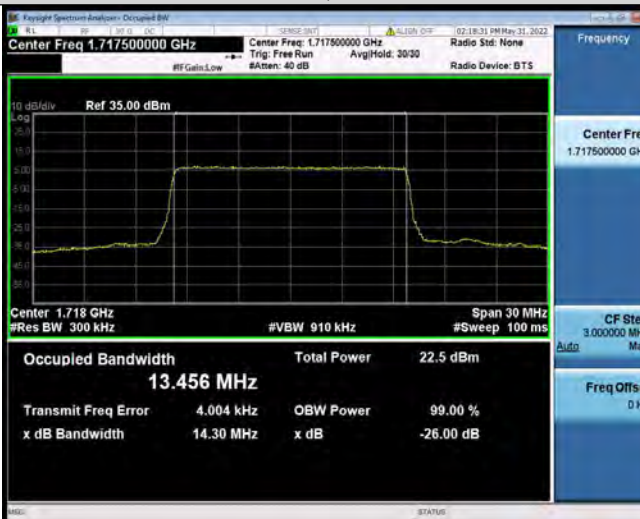
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Band66-15MHz-QPSK-132597-75RB#0



Band66-15MHz-16QAM-132047-75RB#0



Band66-15MHz-16QAM-132322-75RB#0



Band66-15MHz-16QAM-132597-75RB#0