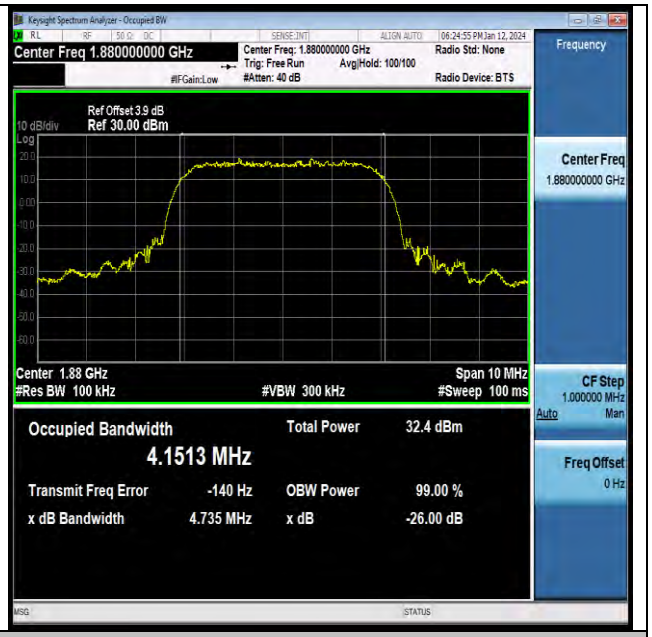
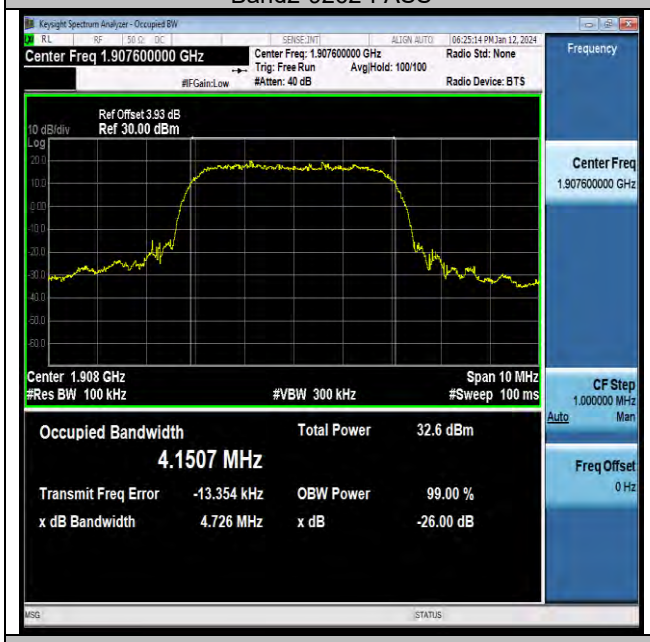
Test Graphs

Band2-9262-PASS



Band2-9400-PASS



Band2-9538-PASS

/

BAND EDGE

Test Result

Band	Channel	Frequency (MHz)	Result (dBm)	Limit(dBm)	Verdict
Band2	9262	1850.00	-26.04	-13	PASS
Band2	9538	1910.00	-25.59	-13	PASS

Test Graphs

Band2-9262-PASS

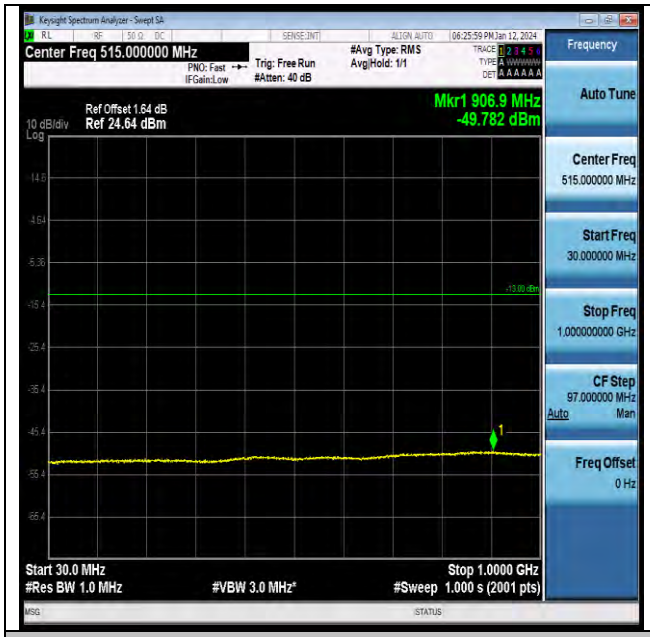
Band2-9538-PASS

CONDUCTED SPURIOUS EMISSION

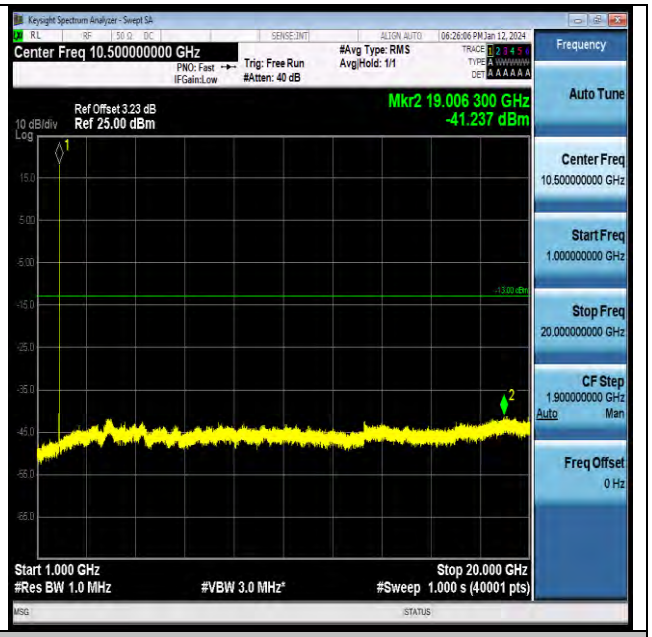
Test Result

Band	Channel	Frequency Range (Mhz)	Frequency (dBm)	Result (dBm)	Limit (dBm)	Verdict
Band2	9262	30~1000MHz	906.88	-49.78	-13	PASS
Band2	9262	1000~20000MHz	19006.3	-41.24	-13	PASS
Band2	9400	30~1000MHz	919.01	-49.83	-13	PASS
Band2	9400	1000~20000MHz	19099.88	-41.17	-13	PASS
Band2	9538	30~1000MHz	886.51	-49.82	-13	PASS
Band2	9538	1000~20000MHz	19436.18	-41.34	-13	PASS

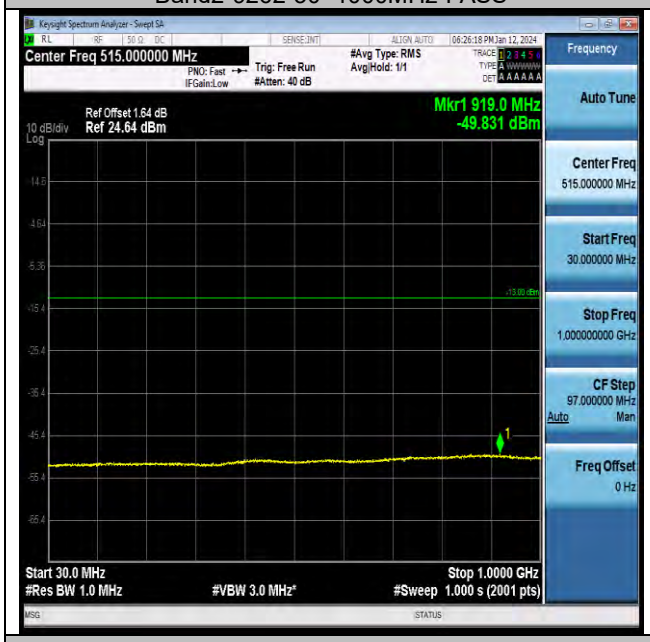
Test Graphs



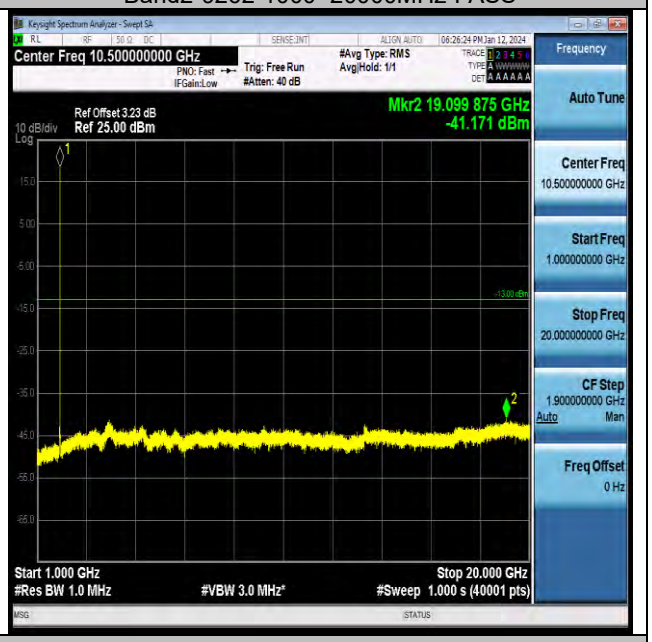
Band2-9262-30~1000MHz-PASS



Band2-9262-1000~20000MHz-PASS

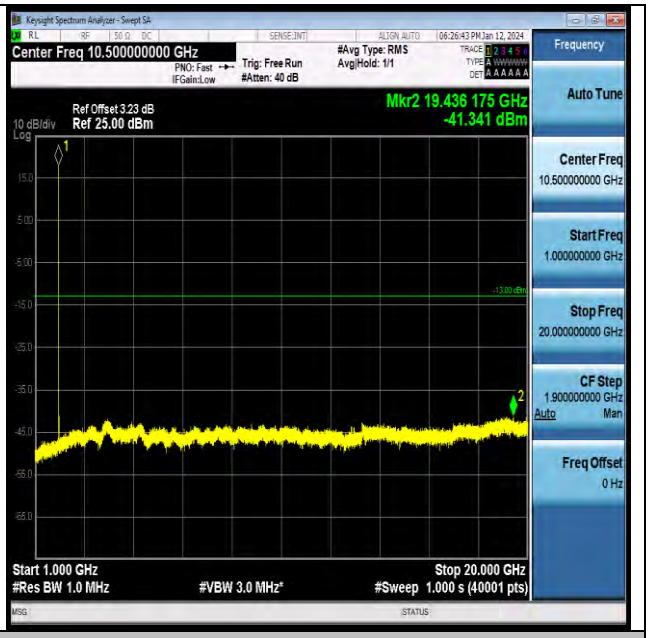


Band2-9400-30~1000MHz-PASS



Band2-9400-1000~20000MHz-PASS

Band2-9538-30~1000MHz-PASS



Band2-9538-1000~20000MHz-PASS

FREQUENCY STABILITY

Test Result

Voltage							
Band	Channel	Voltage (Vdc)	Temperature (℃)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band2	9262	VN	NT	0.72	0.000389	±2.5	PASS
Band2	9262	VL	NT	0.90	0.000486	±2.5	PASS
Band2	9262	VH	NT	0.94	0.000507	±2.5	PASS
Band2	9400	VN	NT	-2.32	-0.001234	±2.5	PASS
Band2	9400	VL	NT	-2.56	-0.001362	±2.5	PASS
Band2	9400	VH	NT	-2.18	-0.001160	±2.5	PASS
Band2	9538	VN	NT	-6.52	-0.003418	±2.5	PASS
Band2	9538	VL	NT	-6.74	-0.003533	±2.5	PASS
Band2	9538	VH	NT	-6.54	-0.003428	±2.5	PASS

Temperature							
Band	Channel	Voltage (Vdc)	Temperature (℃)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band2	9262	NV	-30	1.10	0.000594	±2.5	PASS
Band2	9262	NV	-20	1.06	0.000572	±2.5	PASS
Band2	9262	NV	-10	1.12	0.000605	±2.5	PASS
Band2	9262	NV	0	1.09	0.000588	±2.5	PASS
Band2	9262	NV	10	1.07	0.000578	±2.5	PASS
Band2	9262	NV	20	1.45	0.000783	±2.5	PASS
Band2	9262	NV	30	1.47	0.000794	±2.5	PASS
Band2	9262	NV	40	1.68	0.000907	±2.5	PASS
Band2	9262	NV	50	1.39	0.000750	±2.5	PASS
Band2	9400	NV	-30	-2.44	-0.001298	±2.5	PASS
Band2	9400	NV	-20	-2.29	-0.001218	±2.5	PASS
Band2	9400	NV	-10	-2.36	-0.001255	±2.5	PASS
Band2	9400	NV	0	-1.99	-0.001059	±2.5	PASS
Band2	9400	NV	10	-2.23	-0.001186	±2.5	PASS
Band2	9400	NV	20	-2.29	-0.001218	±2.5	PASS
Band2	9400	NV	30	-2.23	-0.001186	±2.5	PASS
Band2	9400	NV	40	-2.33	-0.001239	±2.5	PASS
Band2	9400	NV	50	-2.32	-0.001234	±2.5	PASS
Band2	9538	NV	-30	-6.75	-0.003538	±2.5	PASS
Band2	9538	NV	-20	-6.84	-0.003586	±2.5	PASS
Band2	9538	NV	-10	-6.64	-0.003481	±2.5	PASS
Band2	9538	NV	0	-6.80	-0.003565	±2.5	PASS
Band2	9538	NV	10	-6.79	-0.003559	±2.5	PASS
Band2	9538	NV	20	-6.83	-0.003580	±2.5	PASS
Band2	9538	NV	30	-6.86	-0.003596	±2.5	PASS
Band2	9538	NV	40	-6.96	-0.003649	±2.5	PASS

Band2	9538	NV	50	-6.87	-0.003601	±2.5	PASS

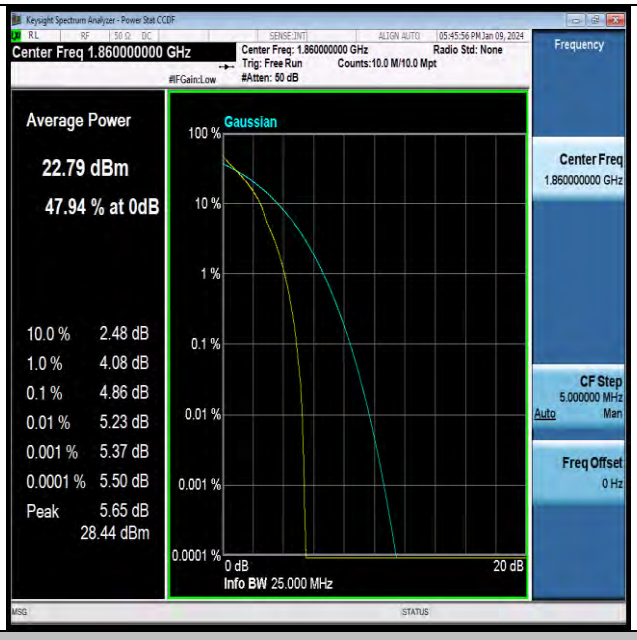
LTE BAND 25(INDCLUDING LTE BAND2)

PEAK-TO-AVERAGE RATIO(CCDF)

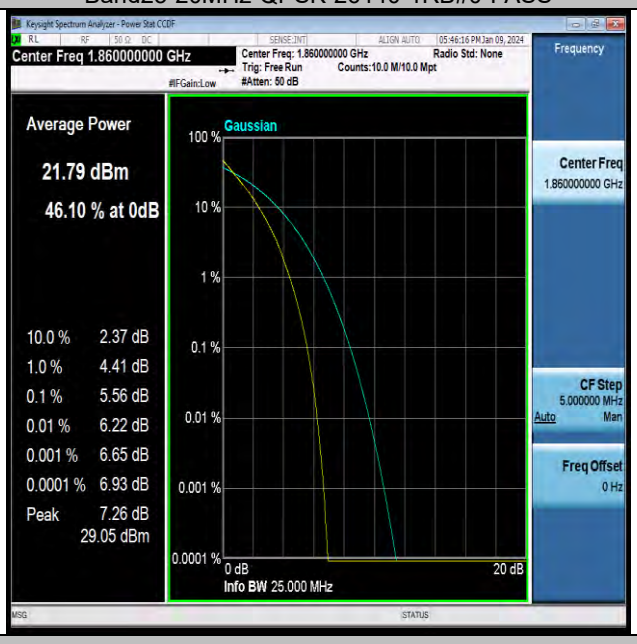
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band25	20MHz	QPSK	26140	1RB#0	4.86	13	PASS
Band25	20MHz	QPSK	26140	100RB#0	5.56	13	PASS
Band25	20MHz	QPSK	26365	1RB#0	4.72	13	PASS
Band25	20MHz	QPSK	26365	100RB#0	5.35	13	PASS
Band25	20MHz	QPSK	26590	1RB#0	4.85	13	PASS
Band25	20MHz	QPSK	26590	100RB#0	5.23	13	PASS
Band25	20MHz	16QAM	26140	1RB#0	5.78	13	PASS
Band25	20MHz	16QAM	26140	100RB#0	6.27	13	PASS
Band25	20MHz	16QAM	26365	1RB#0	5.69	13	PASS
Band25	20MHz	16QAM	26365	100RB#0	6.11	13	PASS
Band25	20MHz	16QAM	26590	1RB#0	5.76	13	PASS
Band25	20MHz	16QAM	26590	100RB#0	6.01	13	PASS

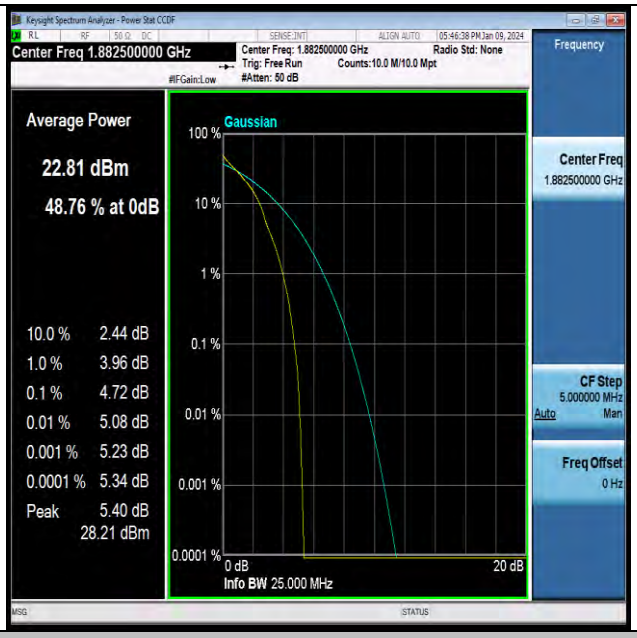
Test Graphs



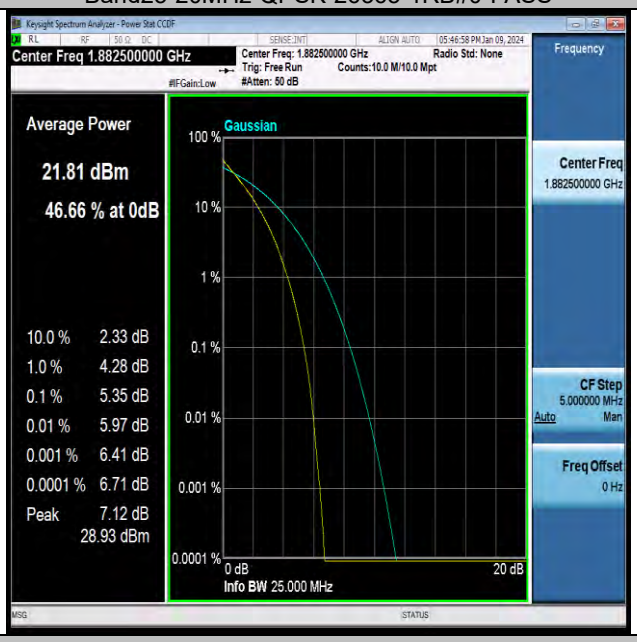
Band25-20MHz-QPSK-26140-1RB#0-PASS



Band25-20MHz-QPSK-26140-100RB#0-PASS



Band25-20MHz-QPSK-26365-1RB#0-PASS



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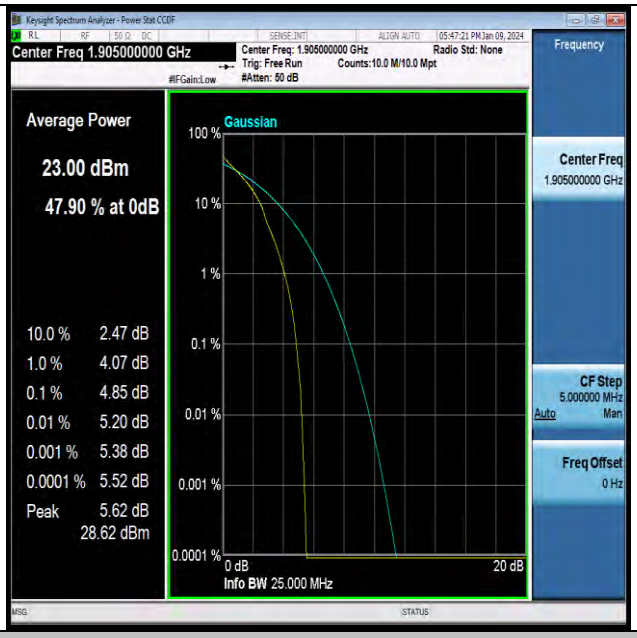
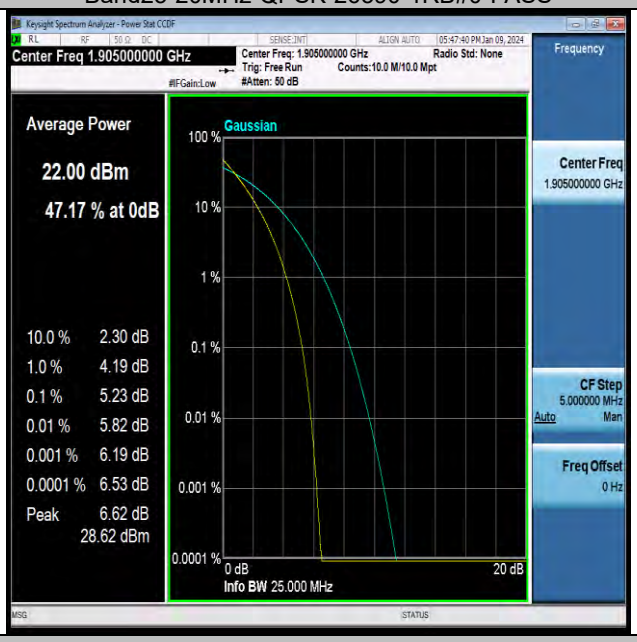
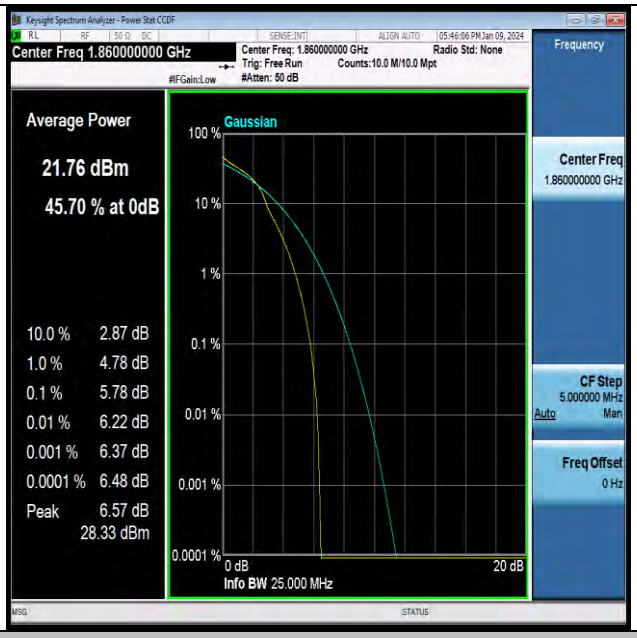


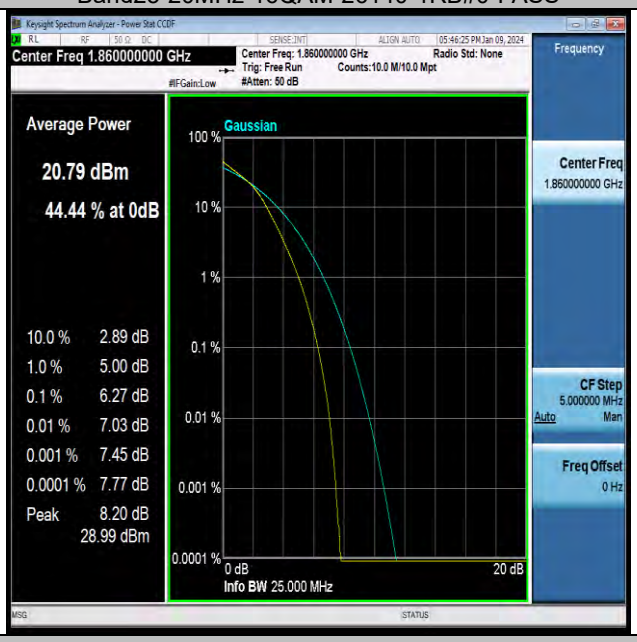
Band25-20MHz-QPSK-26590-1RB#0-PASS



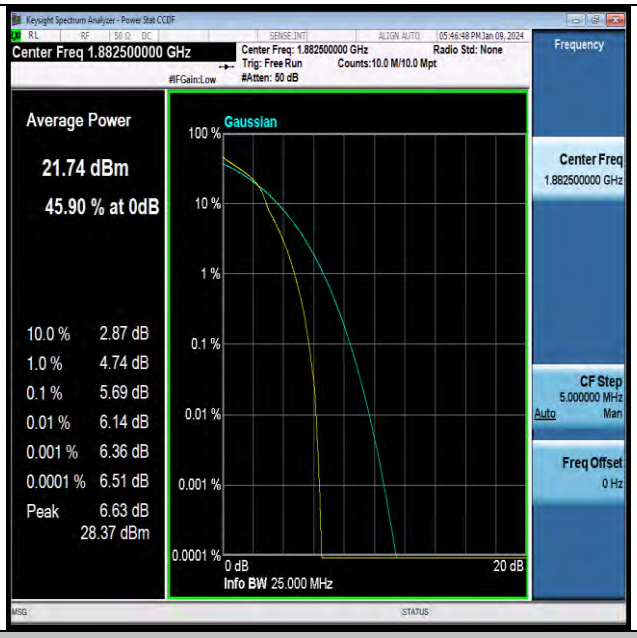
Band25-20MHz-QPSK-26590-100RB#0-PASS



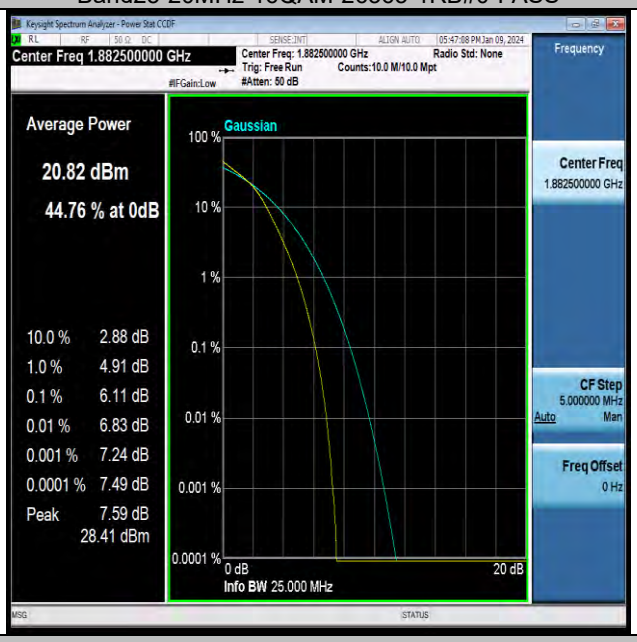
Band25-20MHz-16QAM-26140-1RB#0-PASS



Band25-20MHz-16QAM-26140-100RB#0-PASS



Band25-20MHz-16QAM-26365-1RB#0-PASS



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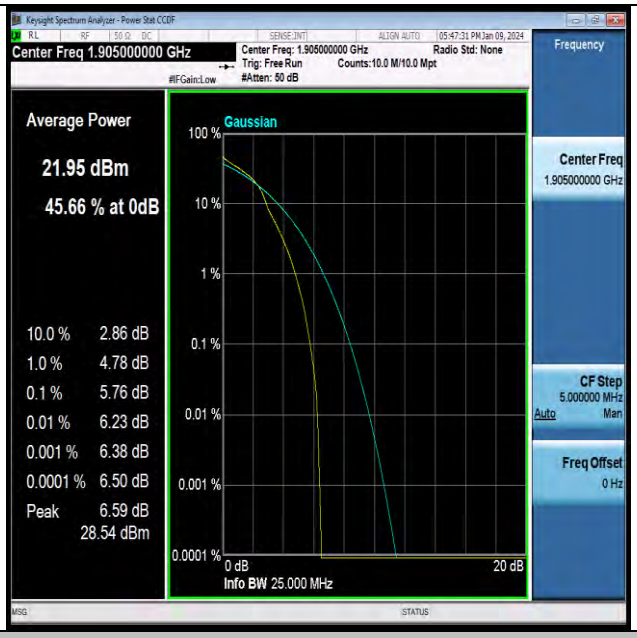
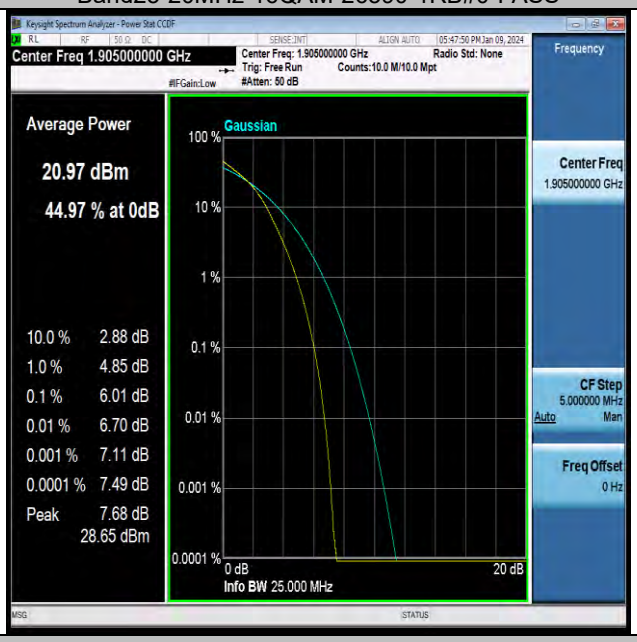


Band25-20MHz-16QAM-26590-1RB#0-PASS



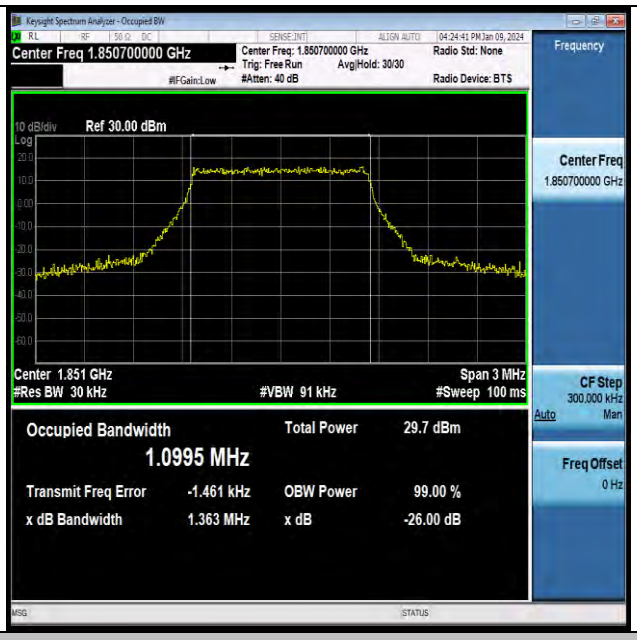
Band25-20MHz-16QAM-26590-100RB#0-PASS

26DB BANDWIDTH AND OCCUPIED BANDWIDTH

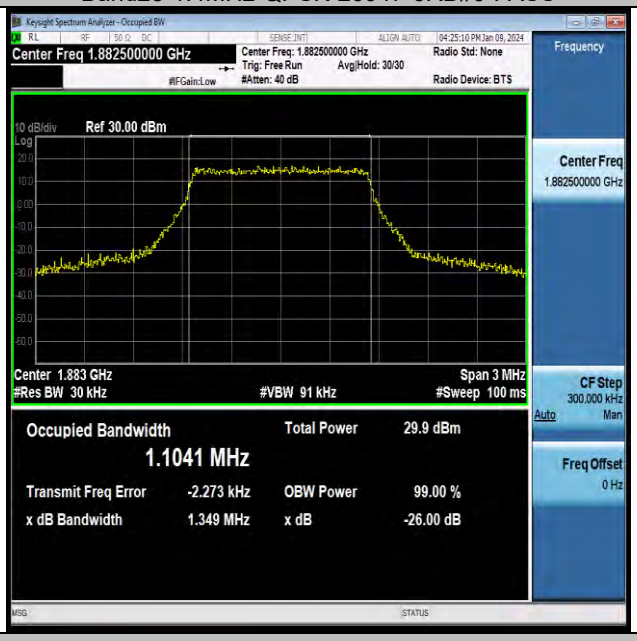
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band25	1.4MHz	QPSK	26047	6RB#0	1.0995	1.363	PASS
Band25	1.4MHz	QPSK	26365	6RB#0	1.1041	1.349	PASS
Band25	1.4MHz	QPSK	26683	6RB#0	1.1012	1.370	PASS
Band25	1.4MHz	16QAM	26047	6RB#0	1.1060	1.367	PASS
Band25	1.4MHz	16QAM	26365	6RB#0	1.1037	1.326	PASS
Band25	1.4MHz	16QAM	26683	6RB#0	1.1011	1.376	PASS
Band25	3MHz	QPSK	26055	15RB#0	2.7041	3.021	PASS
Band25	3MHz	QPSK	26365	15RB#0	2.7088	3.028	PASS
Band25	3MHz	QPSK	26675	15RB#0	2.7074	3.025	PASS
Band25	3MHz	16QAM	26055	15RB#0	2.7055	3.046	PASS
Band25	3MHz	16QAM	26365	15RB#0	2.7023	3.036	PASS
Band25	3MHz	16QAM	26675	15RB#0	2.6989	3.046	PASS
Band25	5MHz	QPSK	26065	25RB#0	4.5172	5.195	PASS
Band25	5MHz	QPSK	26365	25RB#0	4.5258	5.160	PASS
Band25	5MHz	QPSK	26665	25RB#0	4.5336	5.166	PASS
Band25	5MHz	16QAM	26065	25RB#0	4.5158	5.142	PASS
Band25	5MHz	16QAM	26365	25RB#0	4.5223	5.191	PASS
Band25	5MHz	16QAM	26665	25RB#0	4.5300	5.179	PASS
Band25	10MHz	QPSK	26090	50RB#0	9.0222	10.06	PASS
Band25	10MHz	QPSK	26365	50RB#0	8.9961	10.09	PASS
Band25	10MHz	QPSK	26640	50RB#0	9.0133	10.09	PASS
Band25	10MHz	16QAM	26090	50RB#0	8.9964	10.06	PASS
Band25	10MHz	16QAM	26365	50RB#0	8.9964	10.06	PASS
Band25	10MHz	16QAM	26640	50RB#0	9.0304	10.01	PASS
Band25	15MHz	QPSK	26115	75RB#0	13.509	14.91	PASS
Band25	15MHz	QPSK	26365	75RB#0	13.494	14.87	PASS
Band25	15MHz	QPSK	26615	75RB#0	13.525	14.94	PASS
Band25	15MHz	16QAM	26115	75RB#0	13.515	14.94	PASS
Band25	15MHz	16QAM	26365	75RB#0	13.481	15.04	PASS
Band25	15MHz	16QAM	26615	75RB#0	13.491	14.96	PASS
Band25	20MHz	QPSK	26140	100RB#0	18.038	19.86	PASS
Band25	20MHz	QPSK	26365	100RB#0	18.007	19.70	PASS
Band25	20MHz	QPSK	26590	100RB#0	17.936	19.65	PASS
Band25	20MHz	16QAM	26140	100RB#0	18.029	19.84	PASS
Band25	20MHz	16QAM	26365	100RB#0	17.981	19.68	PASS
Band25	20MHz	16QAM	26590	100RB#0	17.962	19.77	PASS

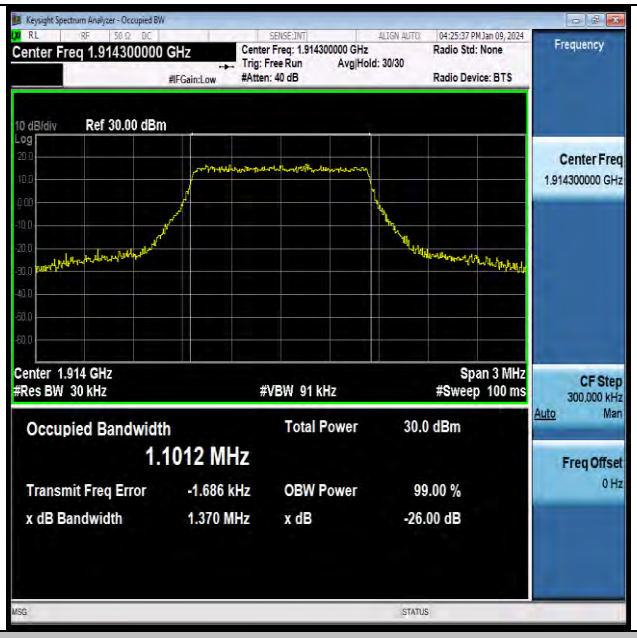
Test Graphs



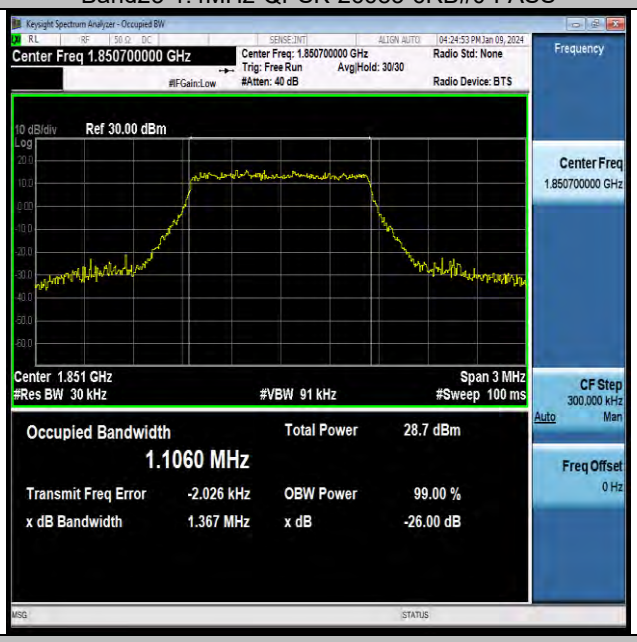
Band25-1.4MHz-QPSK-26047-6RB#0-PASS



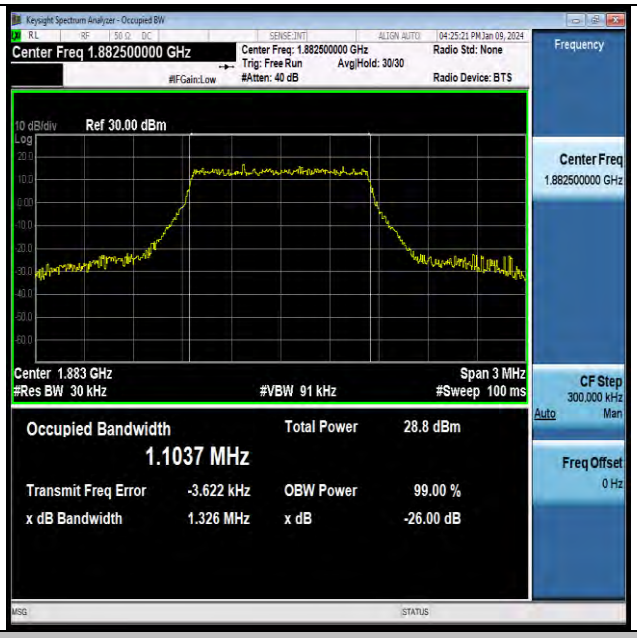
Band25-1.4MHz-QPSK-26365-6RB#0-PASS



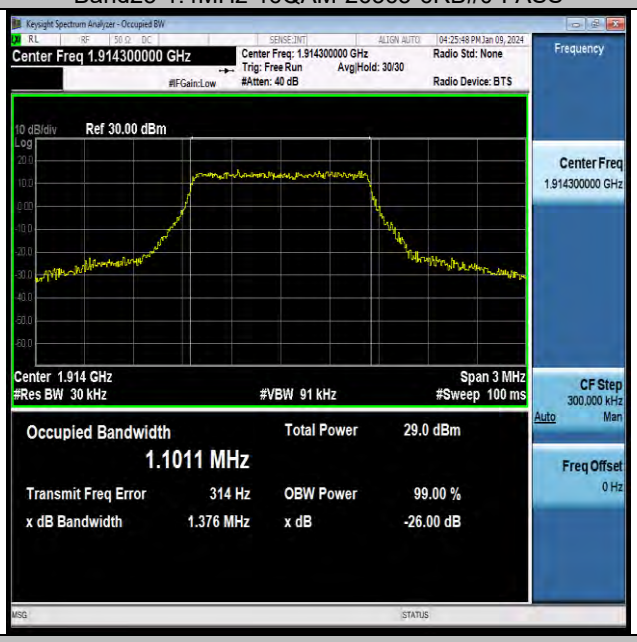
Band25-1.4MHz-QPSK-26683-6RB#0-PASS



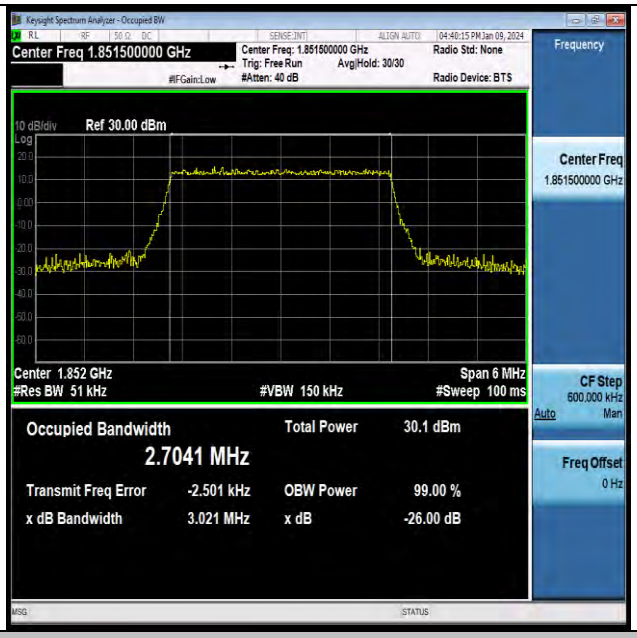
Band25-1.4MHz-16QAM-26047-6RB#0-PASS



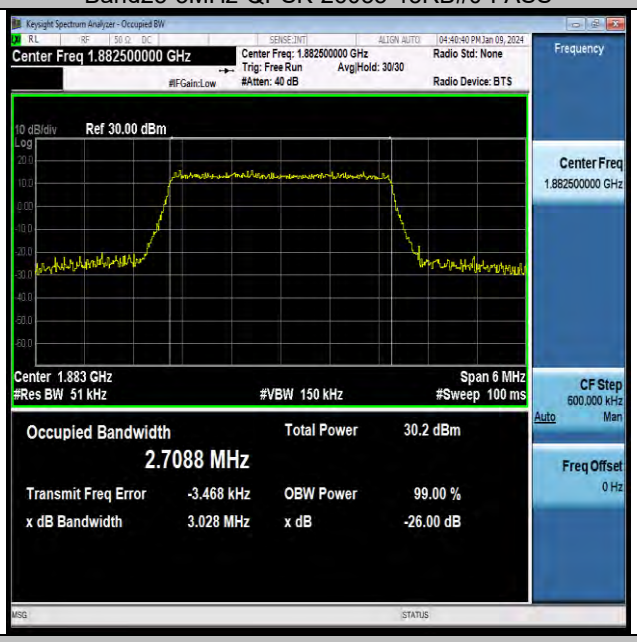
Band25-1.4MHz-16QAM-26365-6RB#0-PASS



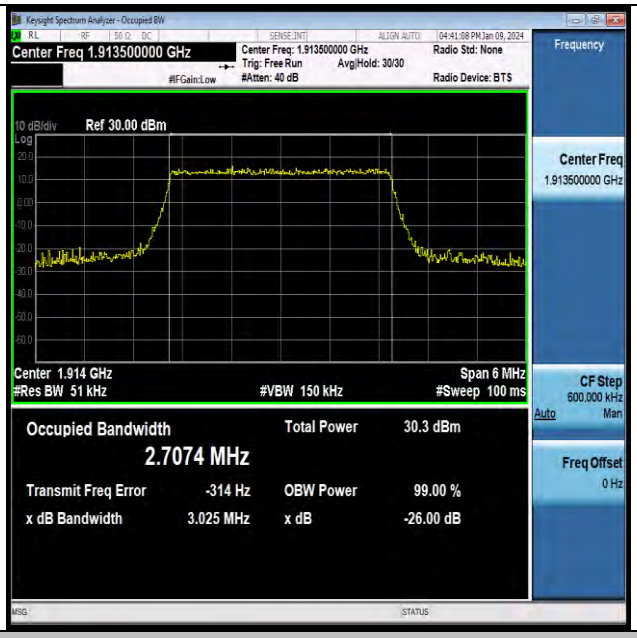
Band25-1.4MHz-16QAM-26683-6RB#0-PASS



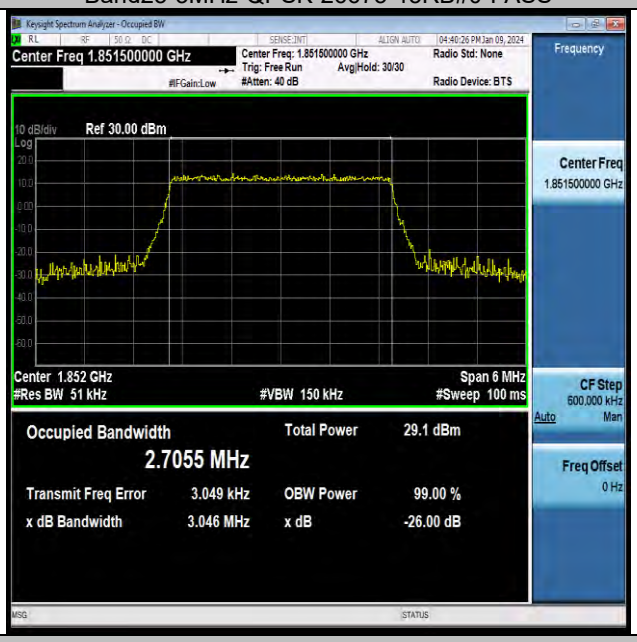
Band25-3MHz-QPSK-26055-15RB#0-PASS



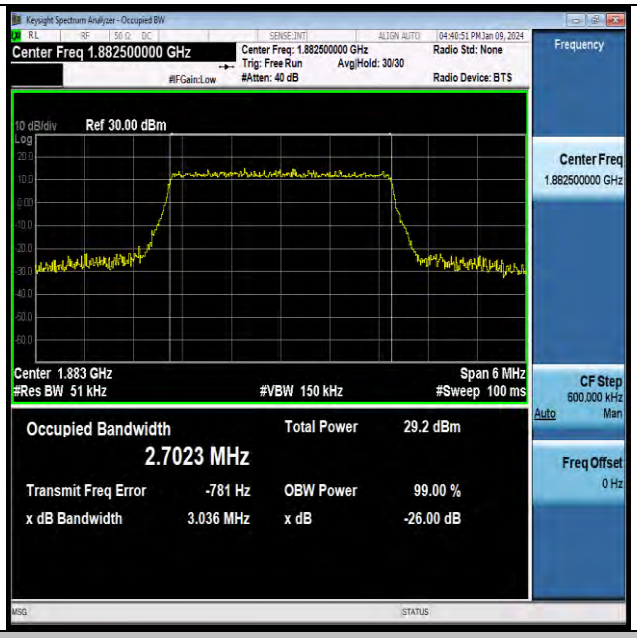
Band25-3MHz-QPSK-26365-15RB#0-PASS



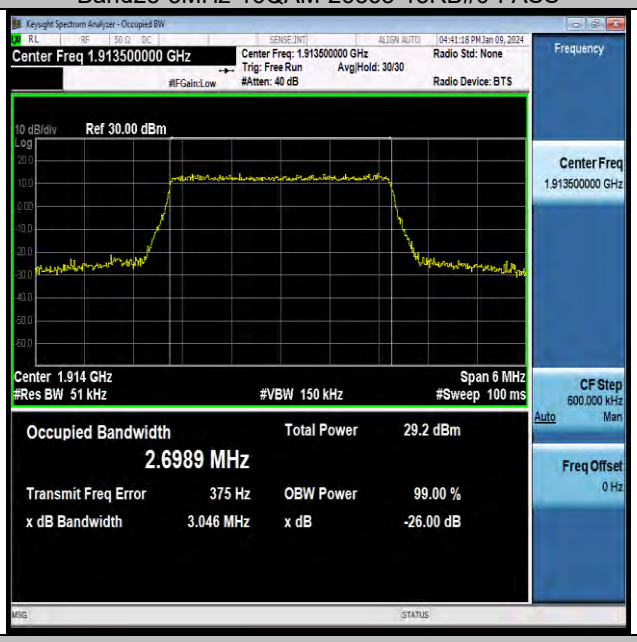
Band25-3MHz-QPSK-26675-15RB#0-PASS



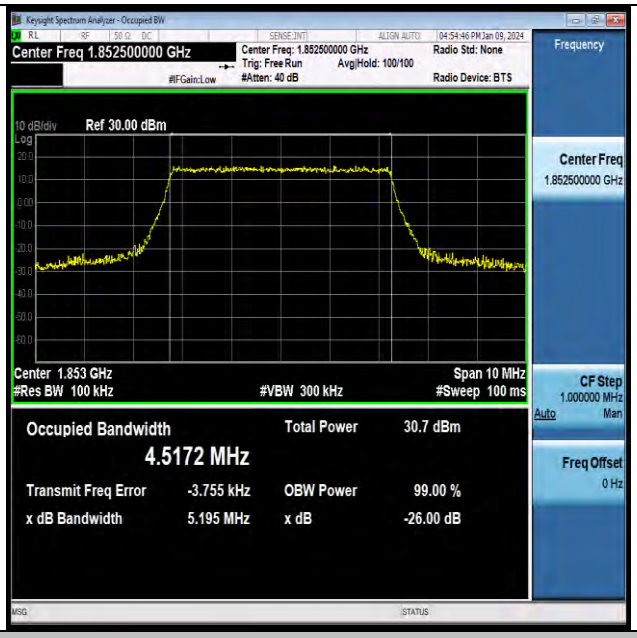
Band25-3MHz-16QAM-26055-15RB#0-PASS



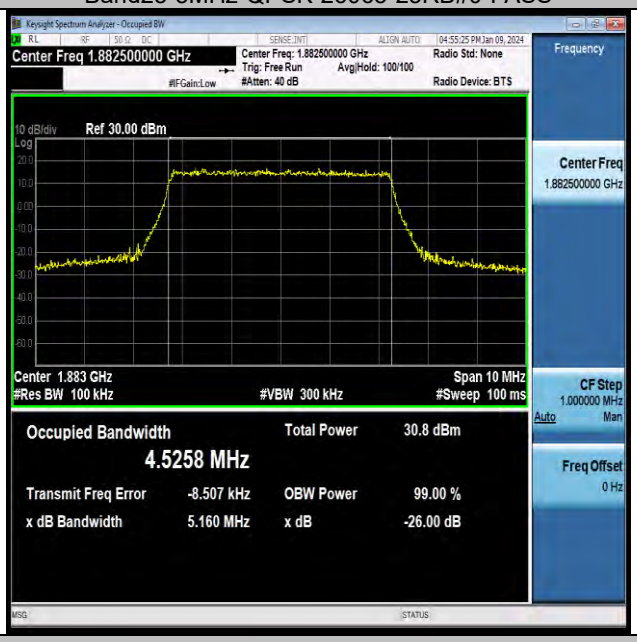
Band25-3MHz-16QAM-26365-15RB#0-PASS



Band25-3MHz-16QAM-26675-15RB#0-PASS



Band25-5MHz-QPSK-26065-25RB#0-PASS



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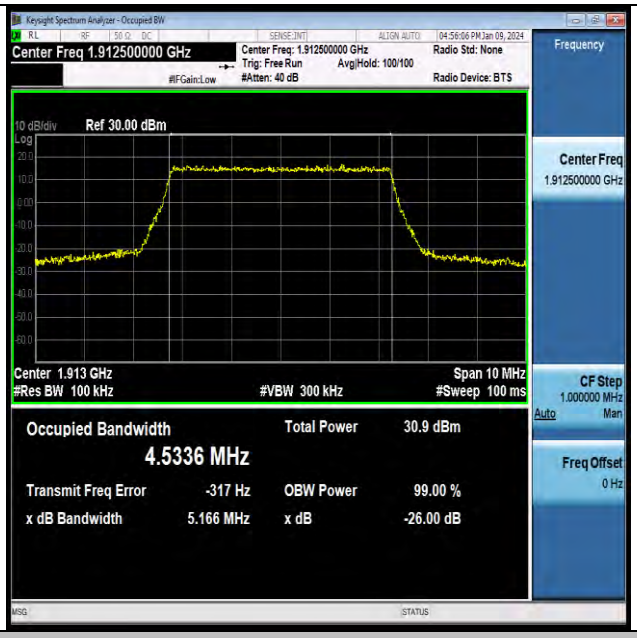

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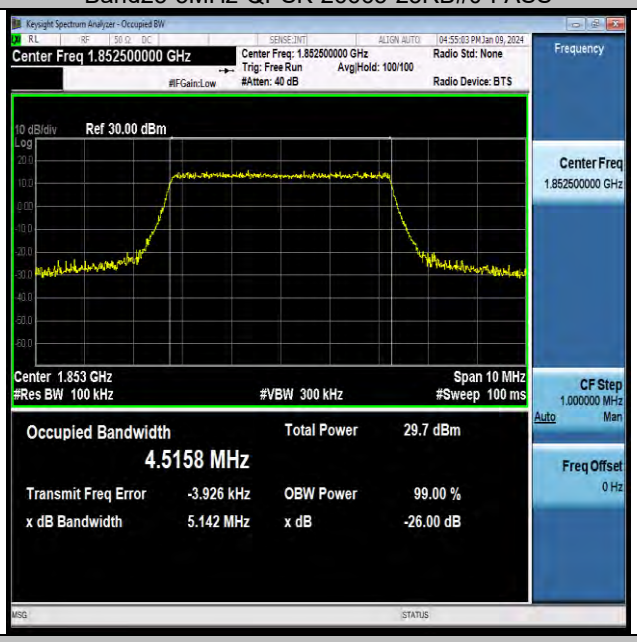

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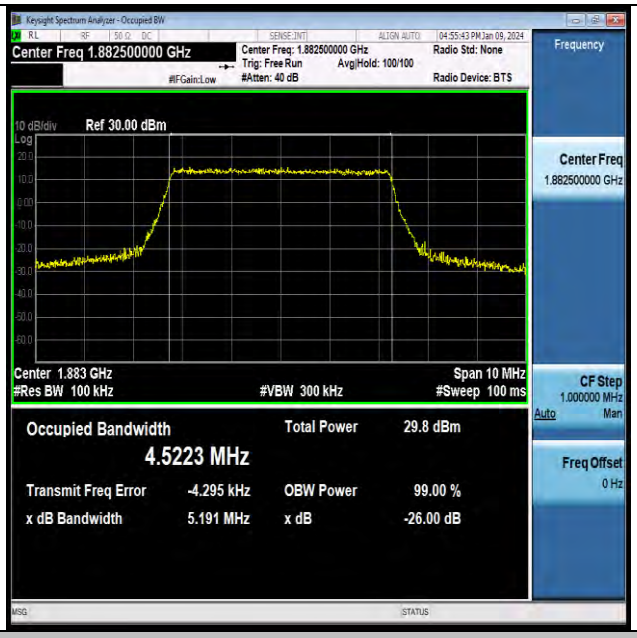

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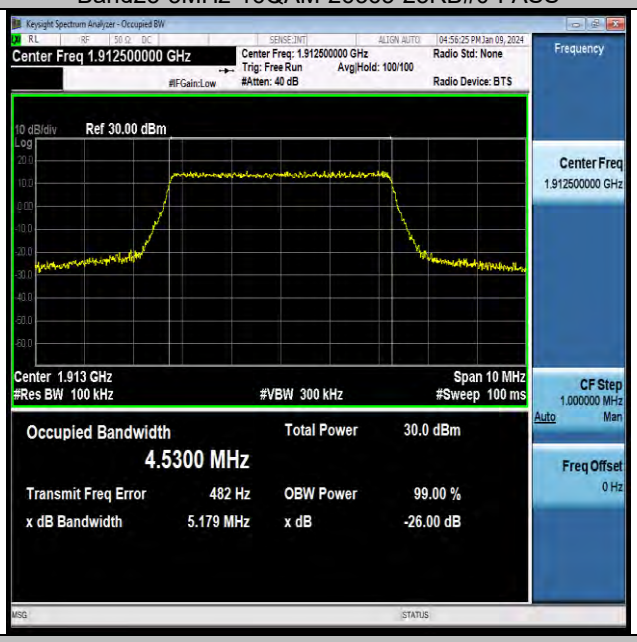

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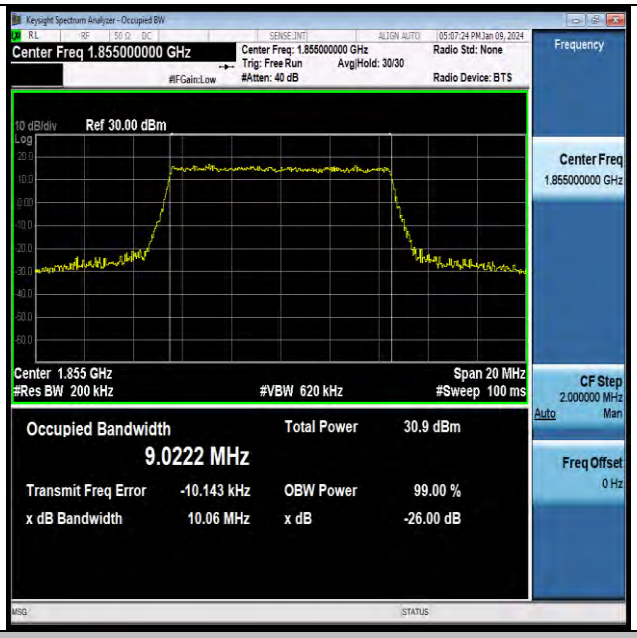
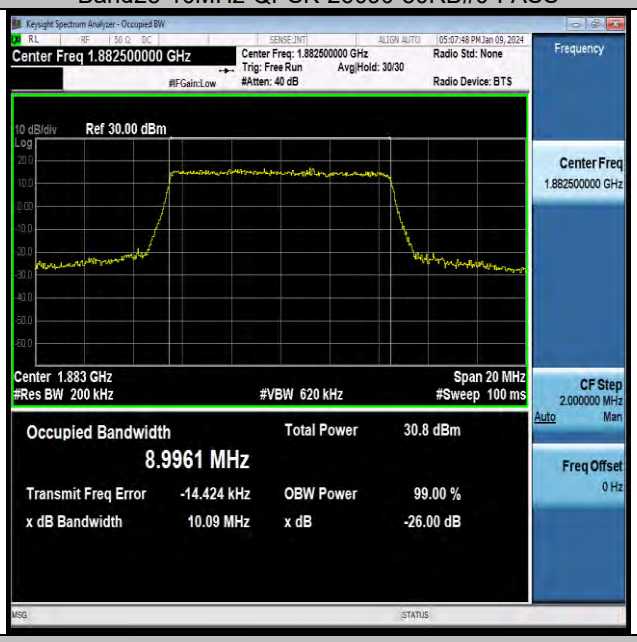


Band25-10MHz-QPSK-26090-50RB#0-PASS



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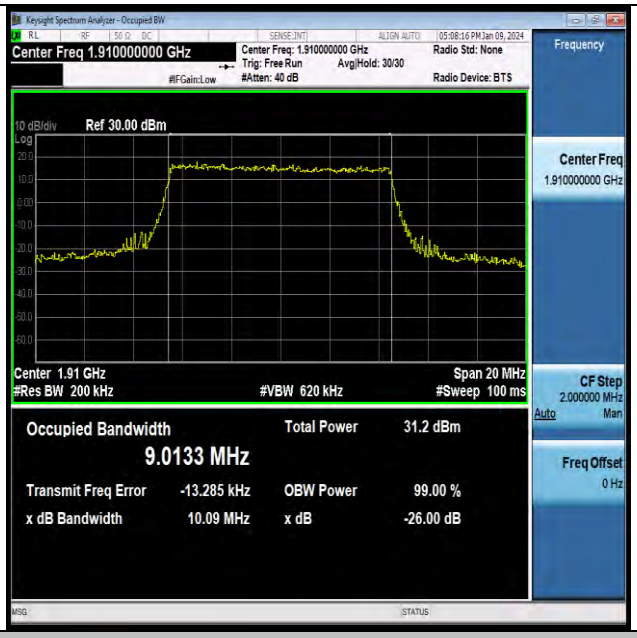

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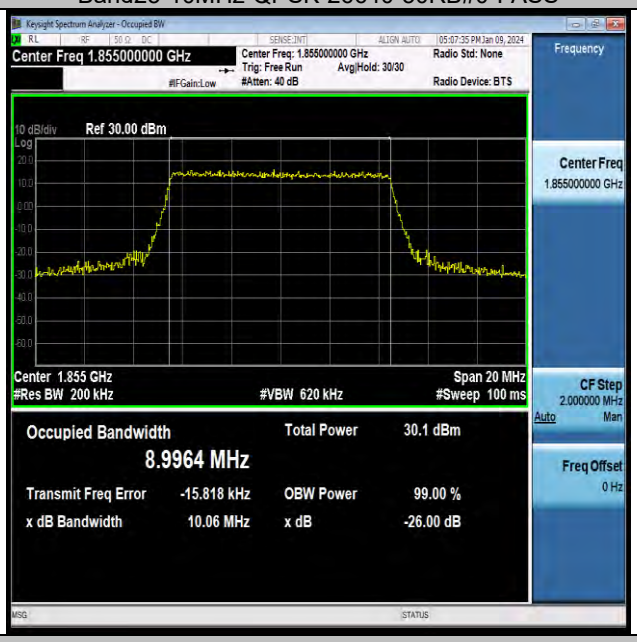

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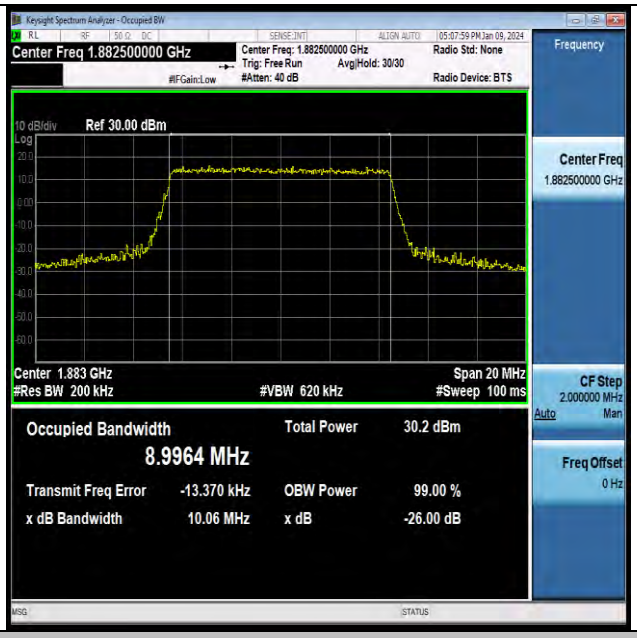

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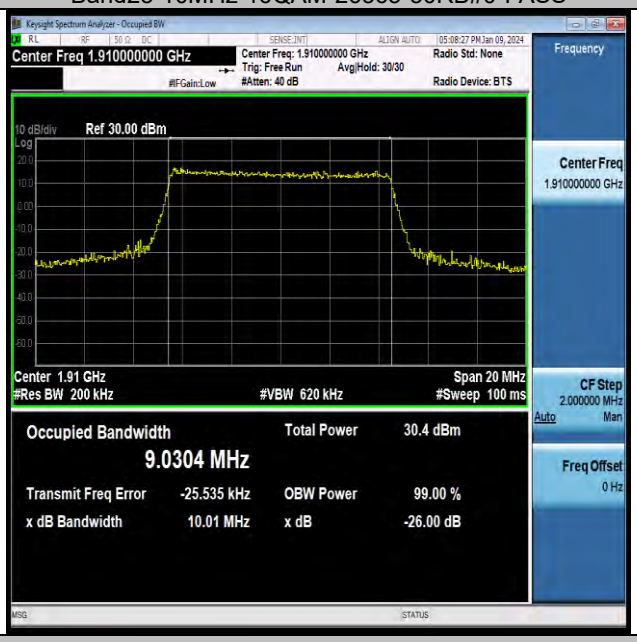
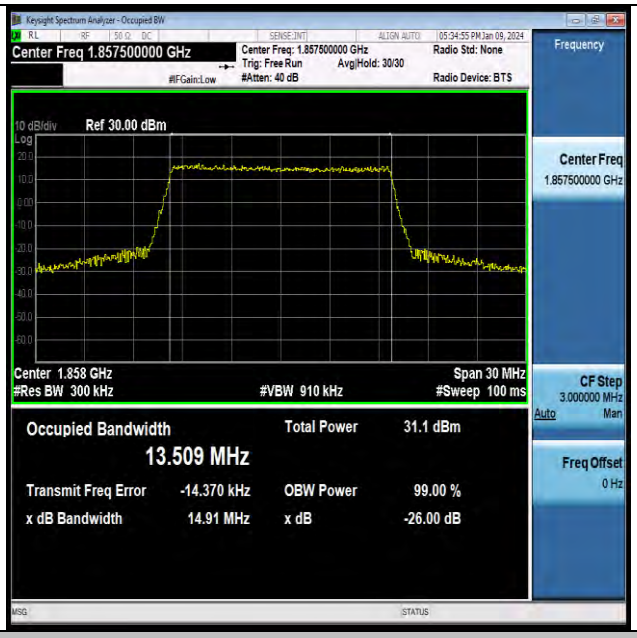
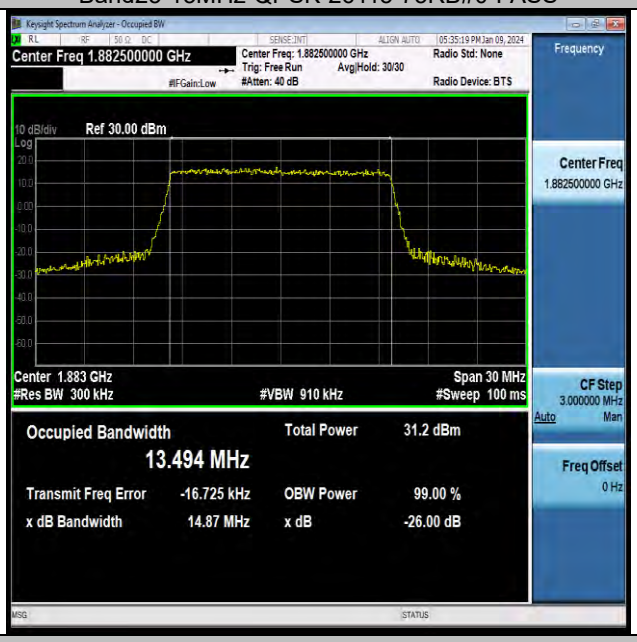


Band25-10MHz-16QAM-26640-50RB#0-PASS



Band25-15MHz-QPSK-26115-75RB#0-PASS



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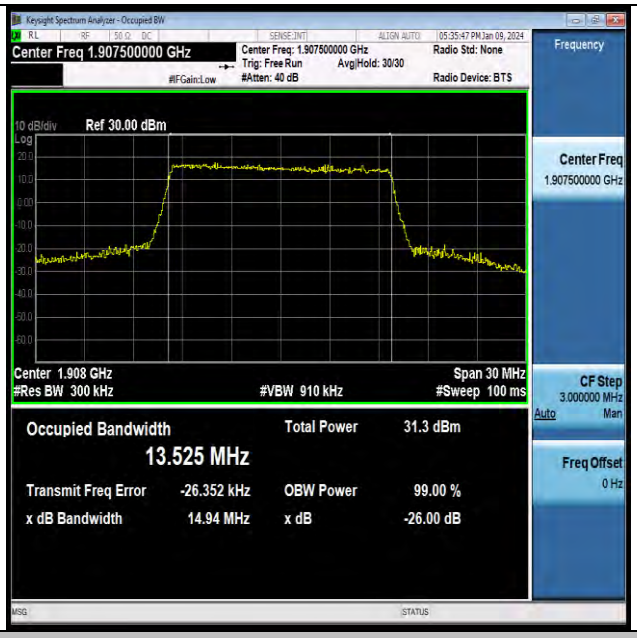
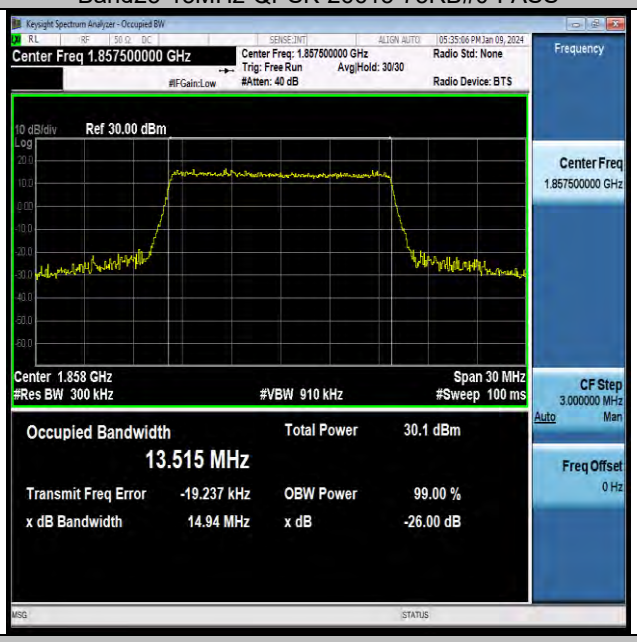


Band25-15MHz-QPSK-26615-75RB#0-PASS



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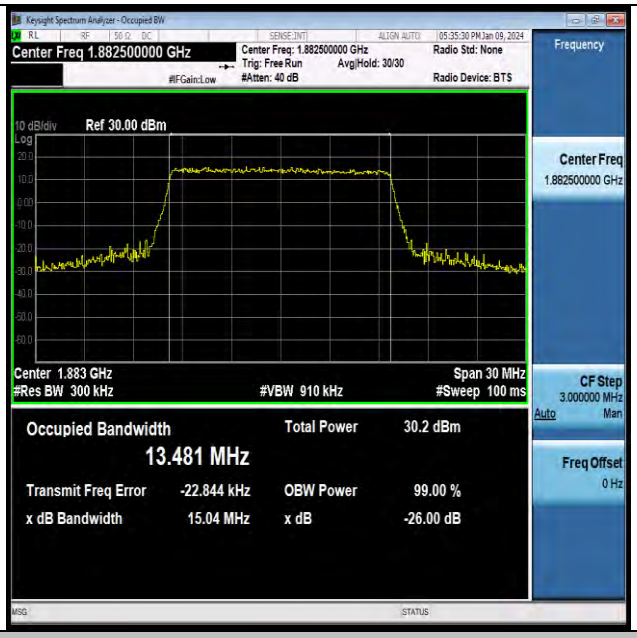

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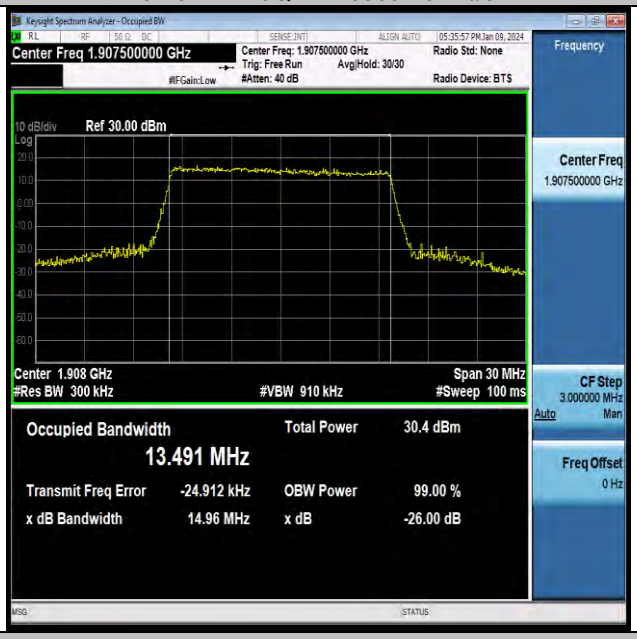

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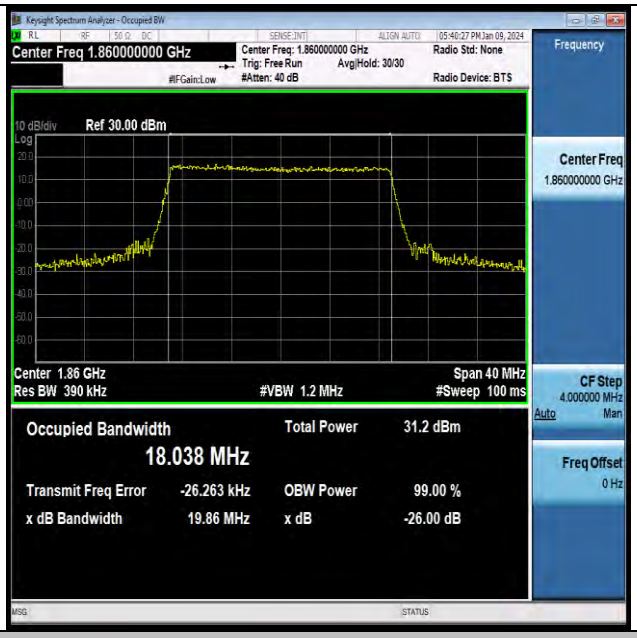
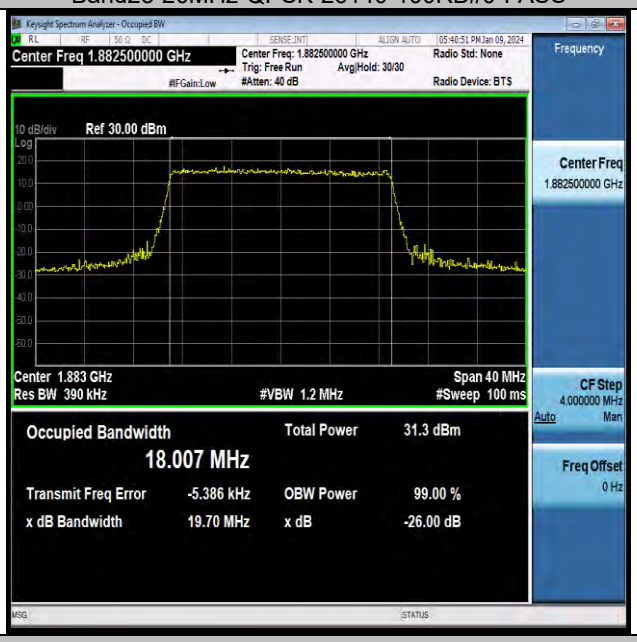
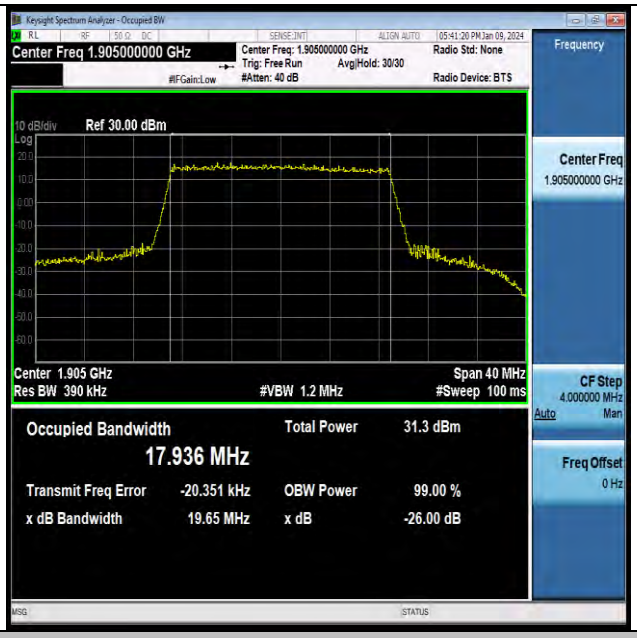


Band25-20MHz-QPSK-26140-100RB#0-PASS



Band25-20MHz-QPSK-26365-100RB#0-PASS



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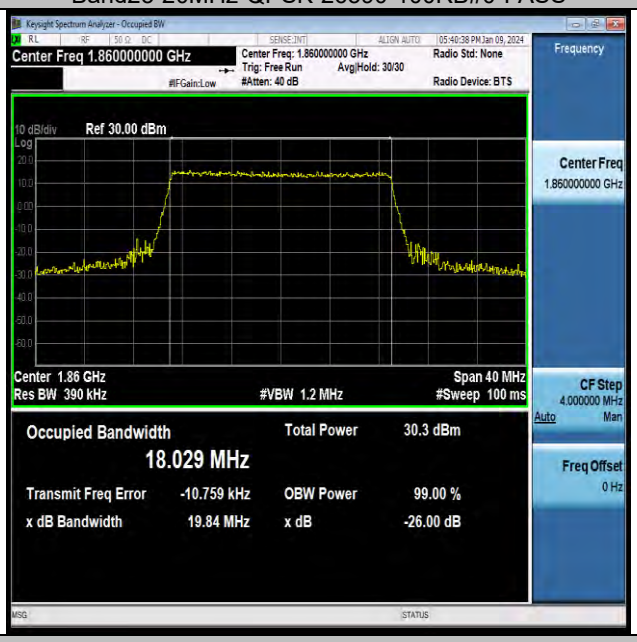
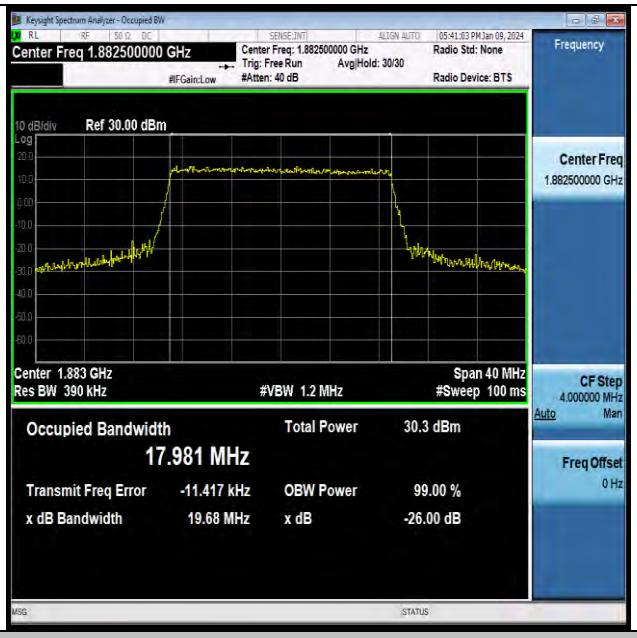
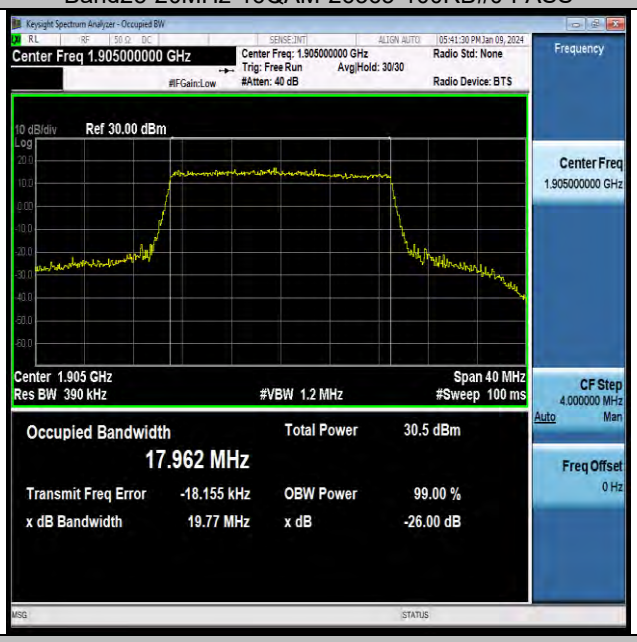


Band25-20MHz-16QAM-26140-100RB#0-PASS



Band25-20MHz-16QAM-26365-100RB#0-PASS



Band25-20MHz-16QAM-26590-100RB#0-PASS

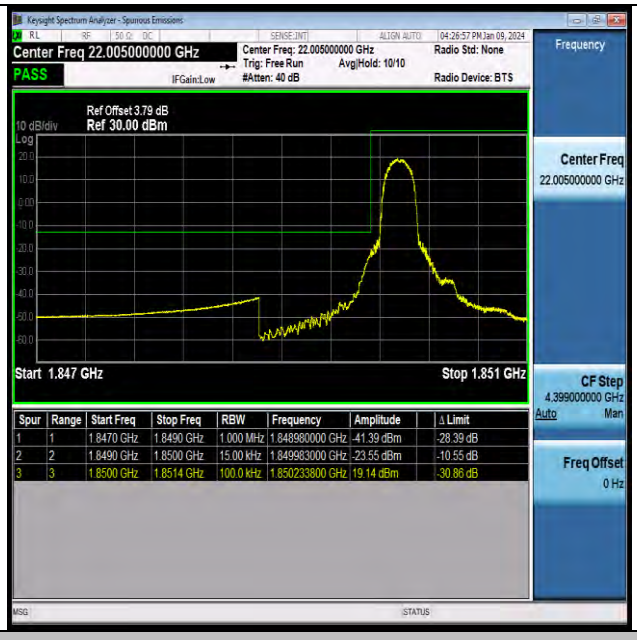
BAND EDGE

Test Result

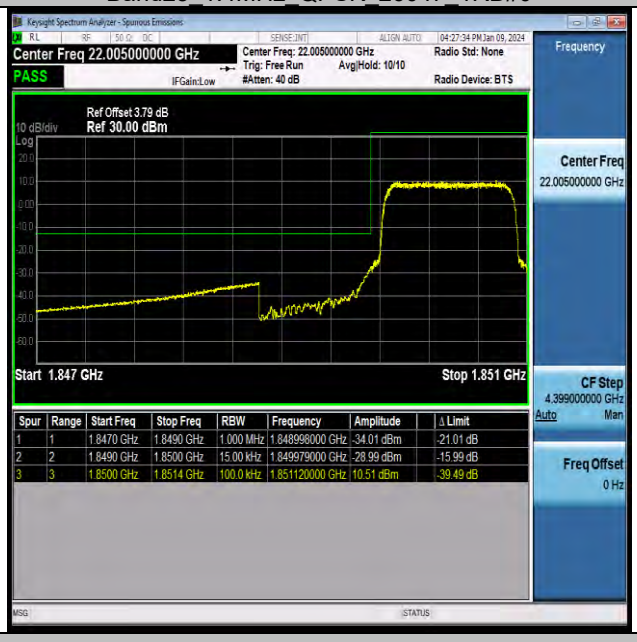
Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band25	1.4MHz	QPSK	26047	1RB#0	-23.55	PASS
Band25	1.4MHz	QPSK	26047	6RB#0	-28.99	PASS
Band25	1.4MHz	QPSK	26683	1RB#5	-25.09	PASS
Band25	1.4MHz	QPSK	26683	6RB#0	-27.54	PASS
Band25	1.4MHz	16QAM	26047	1RB#0	-24.12	PASS
Band25	1.4MHz	16QAM	26047	6RB#0	-30.37	PASS
Band25	1.4MHz	16QAM	26683	1RB#5	-25.10	PASS
Band25	1.4MHz	16QAM	26683	6RB#0	-28.60	PASS
Band25	3MHz	QPSK	26055	1RB#0	-26.87	PASS
Band25	3MHz	QPSK	26055	15RB#0	-29.52	PASS
Band25	3MHz	QPSK	26675	1RB#14	-24.89	PASS
Band25	3MHz	QPSK	26675	15RB#0	-28.18	PASS
Band25	3MHz	16QAM	26055	1RB#0	-27.74	PASS
Band25	3MHz	16QAM	26055	15RB#0	-30.52	PASS
Band25	3MHz	16QAM	26675	1RB#14	-26.77	PASS
Band25	3MHz	16QAM	26675	15RB#0	-29.71	PASS
Band25	5MHz	QPSK	26065	1RB#0	-29.01	PASS
Band25	5MHz	QPSK	26065	25RB#0	-32.85	PASS
Band25	5MHz	QPSK	26665	1RB#24	-29.24	PASS
Band25	5MHz	QPSK	26665	25RB#0	-30.37	PASS
Band25	5MHz	16QAM	26065	1RB#0	-30.09	PASS
Band25	5MHz	16QAM	26065	25RB#0	-33.78	PASS
Band25	5MHz	16QAM	26665	1RB#24	-30.35	PASS
Band25	5MHz	16QAM	26665	25RB#0	-31.88	PASS
Band25	10MHz	QPSK	26090	1RB#0	-39.11	PASS
Band25	10MHz	QPSK	26090	50RB#0	-34.47	PASS
Band25	10MHz	QPSK	26640	1RB#49	-38.05	PASS
Band25	10MHz	QPSK	26640	50RB#0	-32.35	PASS
Band25	10MHz	16QAM	26090	1RB#0	-39.40	PASS
Band25	10MHz	16QAM	26090	50RB#0	-35.16	PASS
Band25	10MHz	16QAM	26640	1RB#49	-39.25	PASS
Band25	10MHz	16QAM	26640	50RB#0	-34.12	PASS
Band25	15MHz	QPSK	26115	1RB#0	-39.22	PASS
Band25	15MHz	QPSK	26115	75RB#0	-33.93	PASS
Band25	15MHz	QPSK	26615	1RB#74	-36.21	PASS
Band25	15MHz	QPSK	26615	75RB#0	-30.83	PASS
Band25	15MHz	16QAM	26115	1RB#0	-41.46	PASS
Band25	15MHz	16QAM	26115	75RB#0	-36.27	PASS
Band25	15MHz	16QAM	26615	1RB#74	-40.32	PASS
Band25	15MHz	16QAM	26615	75RB#0	-34.40	PASS
Band25	20MHz	QPSK	26140	1RB#0	-42.26	PASS
Band25	20MHz	QPSK	26140	100RB#0	-35.47	PASS

Band25	20MHz	QPSK	26590	1RB#99	-41.98	PASS
Band25	20MHz	QPSK	26590	100RB#0	-35.61	PASS
Band25	20MHz	16QAM	26140	1RB#0	-42.97	PASS
Band25	20MHz	16QAM	26140	100RB#0	-37.09	PASS
Band25	20MHz	16QAM	26590	1RB#99	-43.58	PASS
Band25	20MHz	16QAM	26590	100RB#0	-37.40	PASS

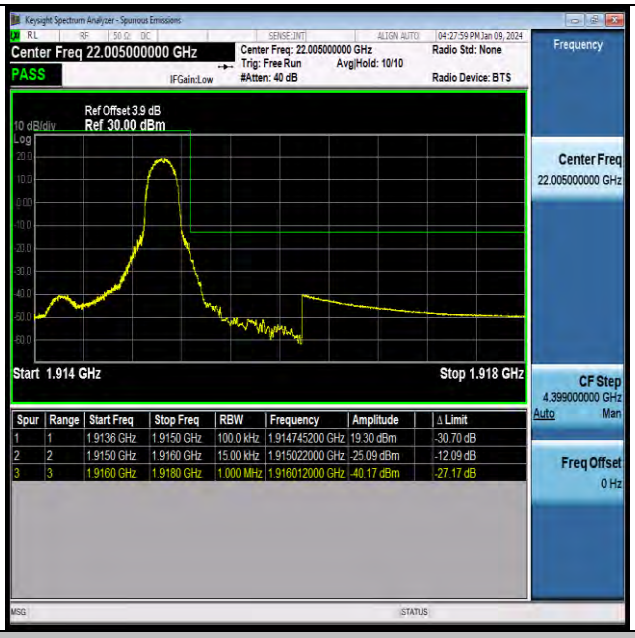
Test Graphs



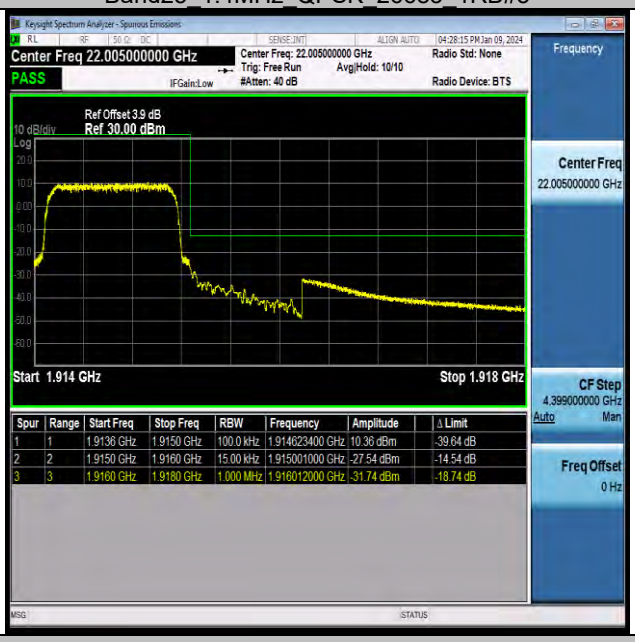
Band25_1.4MHz_QPSK_26047_1RB#0



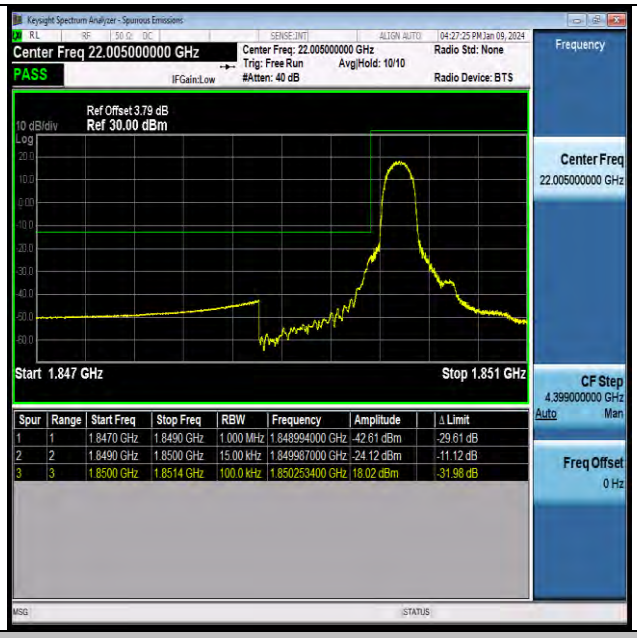
Band25_1.4MHz_QPSK_26047_6RB#0



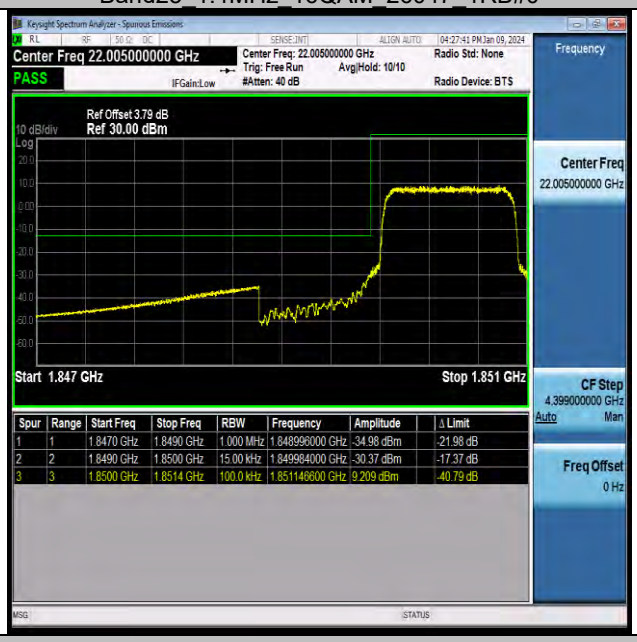
Band25_1.4MHz_QPSK_26683_1RB#5



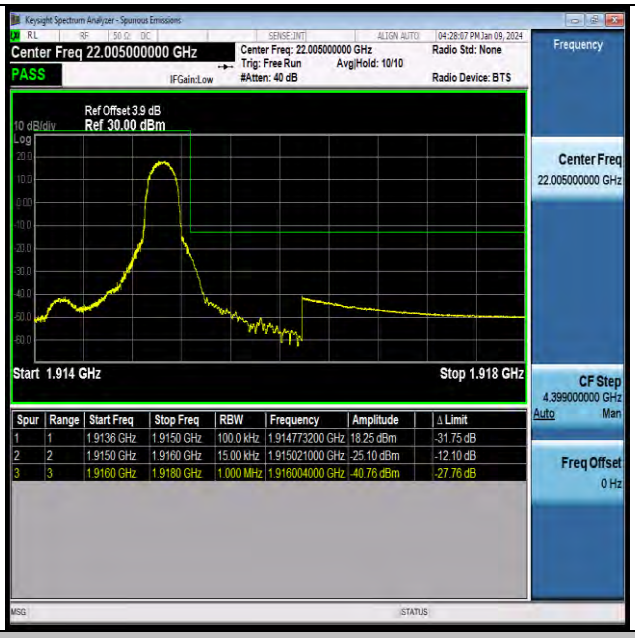
Band25_1.4MHz_QPSK_26683_6RB#0



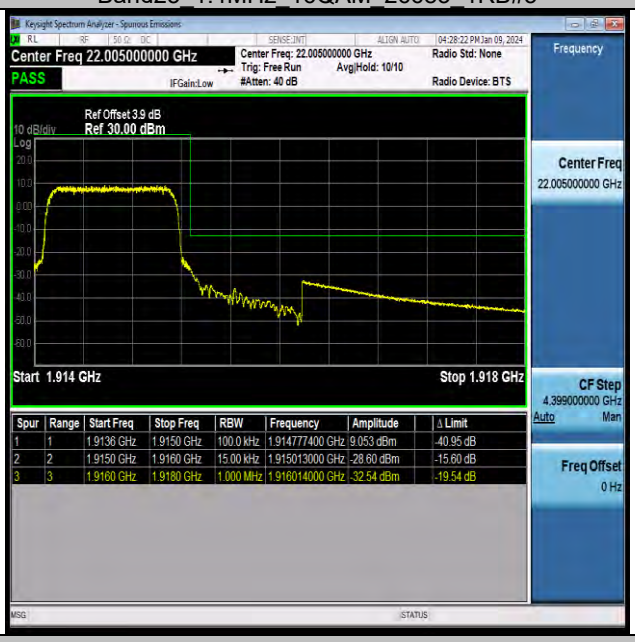
Band25_1.4MHz_16QAM_26047_1RB#0



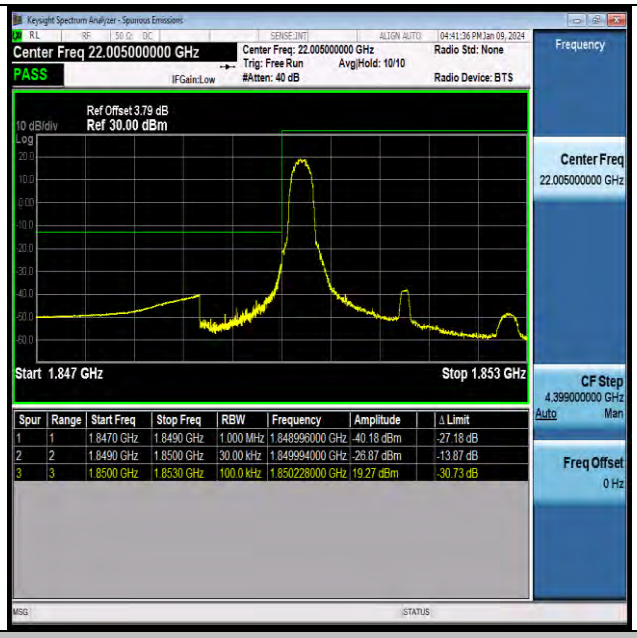
Band25_1.4MHz_16QAM_26047_6RB#0



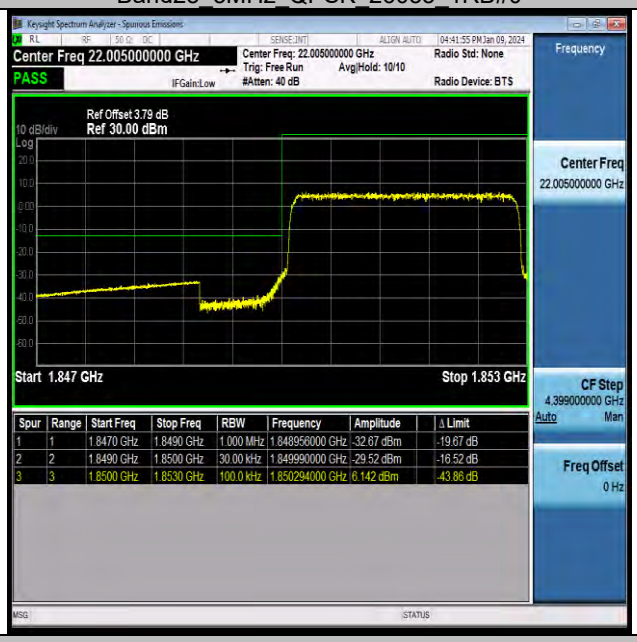
Band25_1.4MHz_16QAM_26683_1RB#5



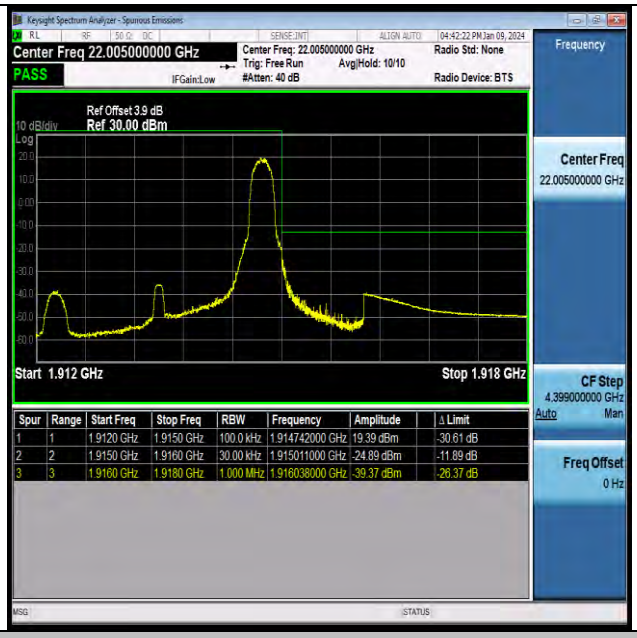
Band25_1.4MHz_16QAM_26683_6RB#0



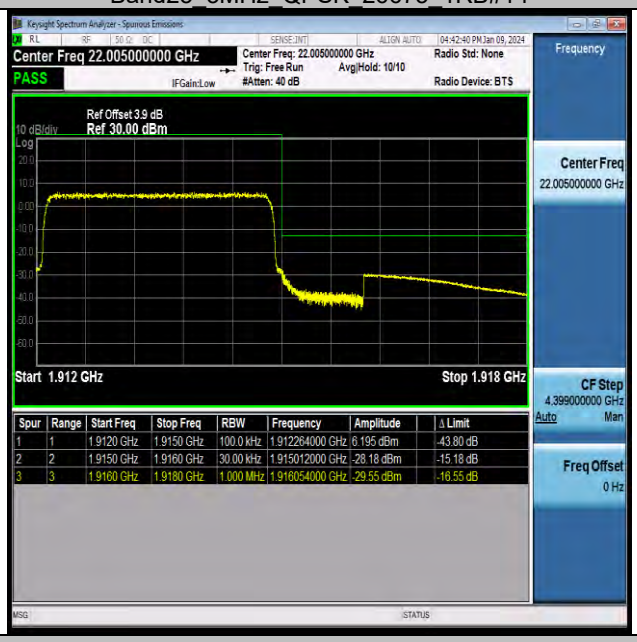
Band25_3MHz_QPSK_26055_1RB#0



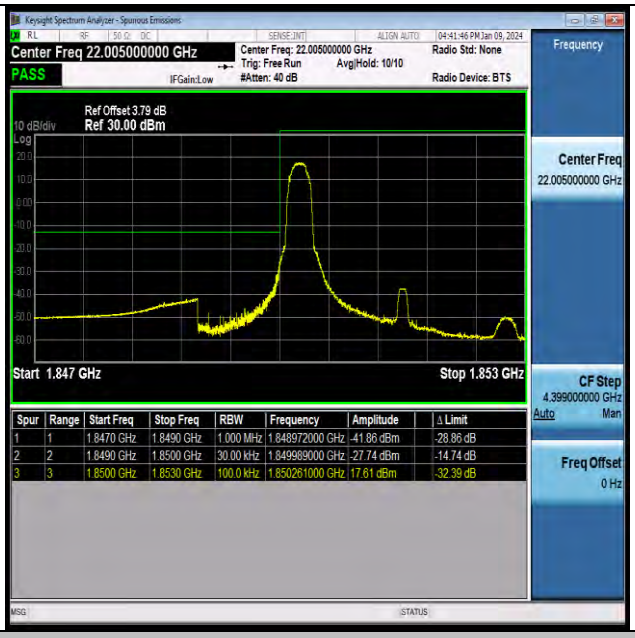
Band25_3MHz_QPSK_26055_15RB#0



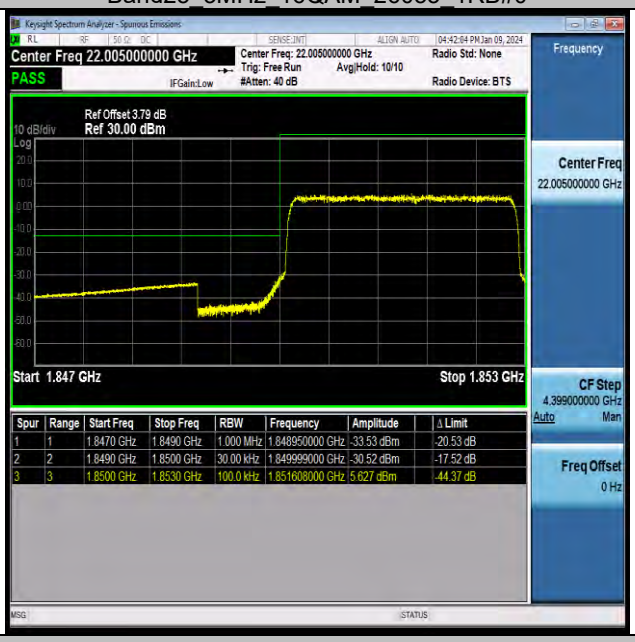
Band25_3MHz_QPSK_26675_1RB#14



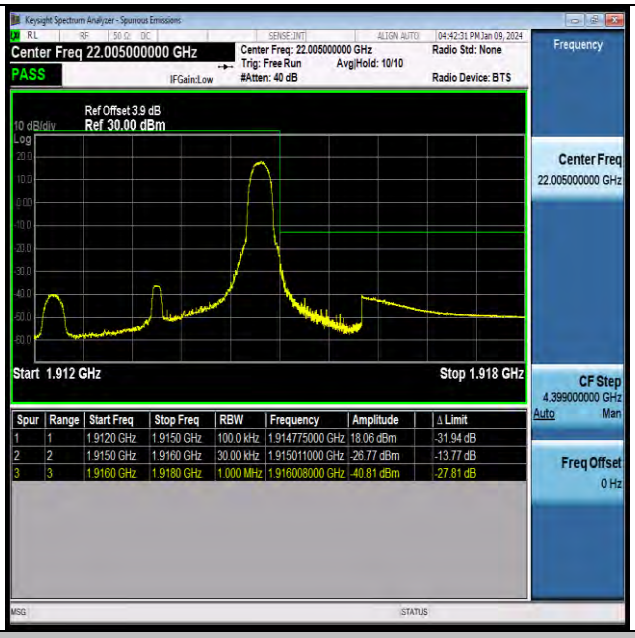
Band25_3MHz_QPSK_26675_15RB#0



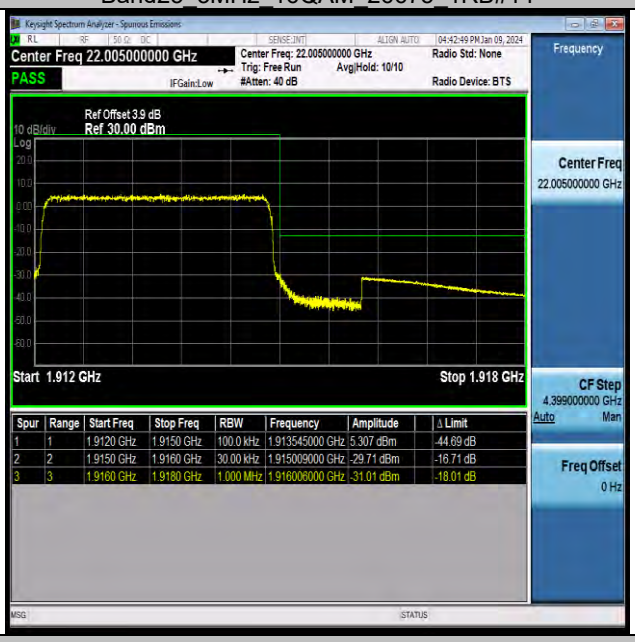
Band25_3MHz_16QAM_26055_1RB#0



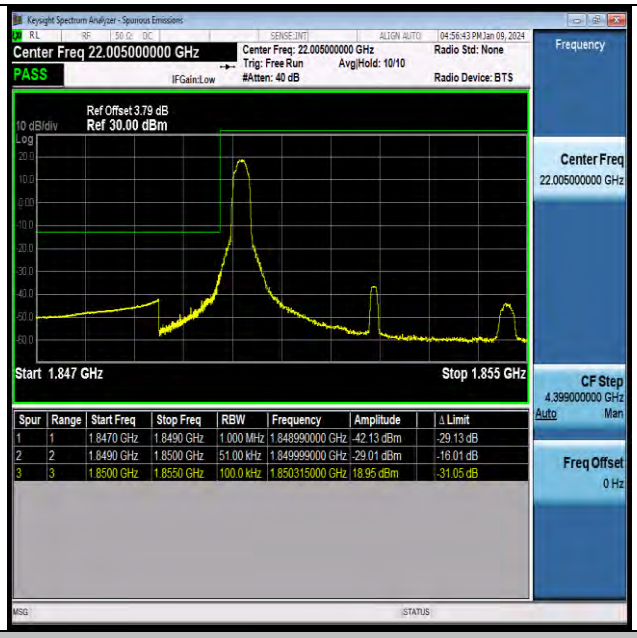
Band25_3MHz_16QAM_26055_15RB#0



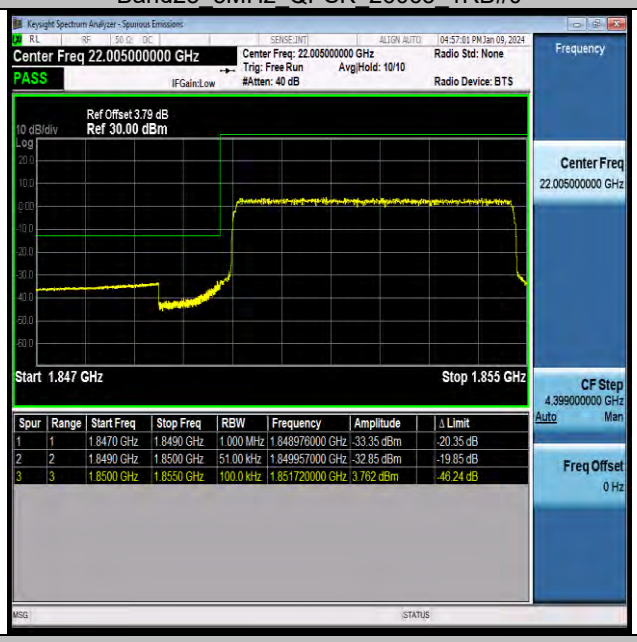
Band25_3MHz_16QAM_26675_1RB#14



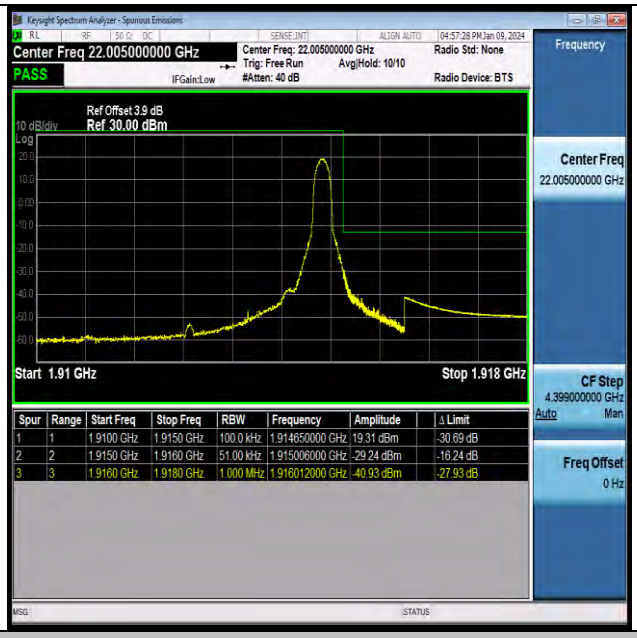
Band25_3MHz_16QAM_26675_15RB#0



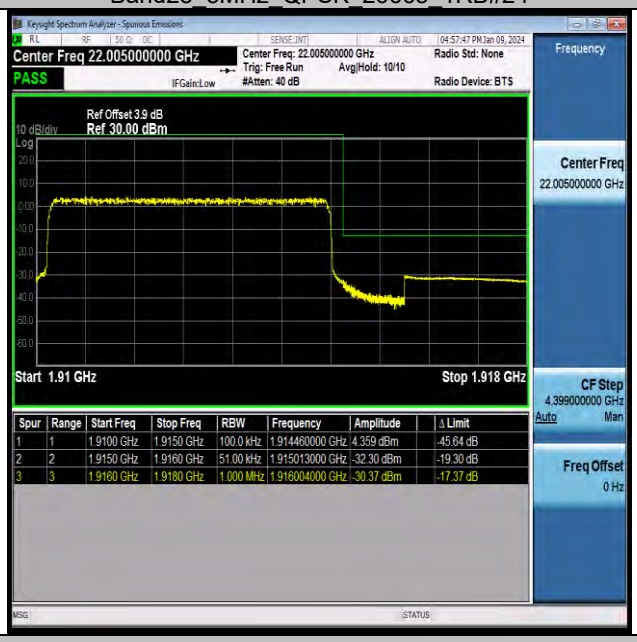
Band25_5MHz_QPSK_26065_1RB#0



Band25_5MHz_QPSK_26065_25RB#0



Band25_5MHz_QPSK_26665_1RB#24



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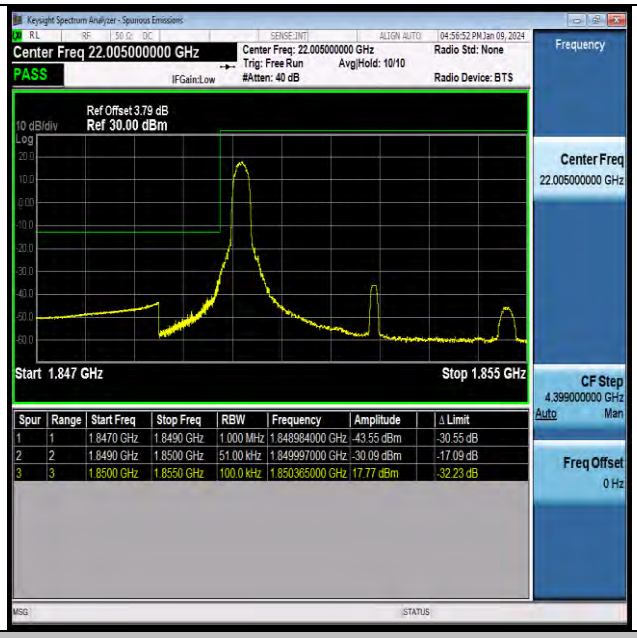
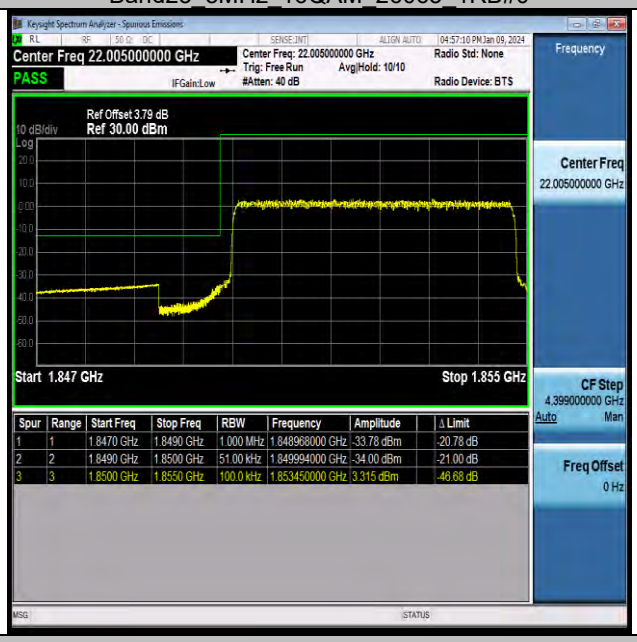


Band25_5MHz_16QAM_26065_1RB#0



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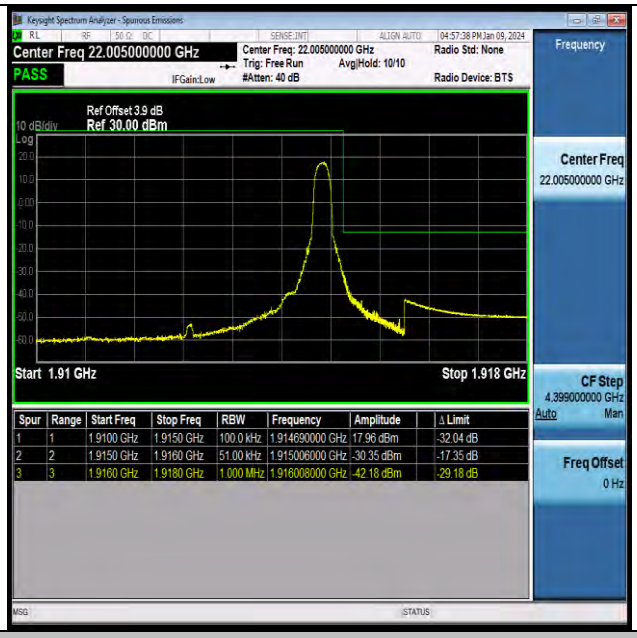

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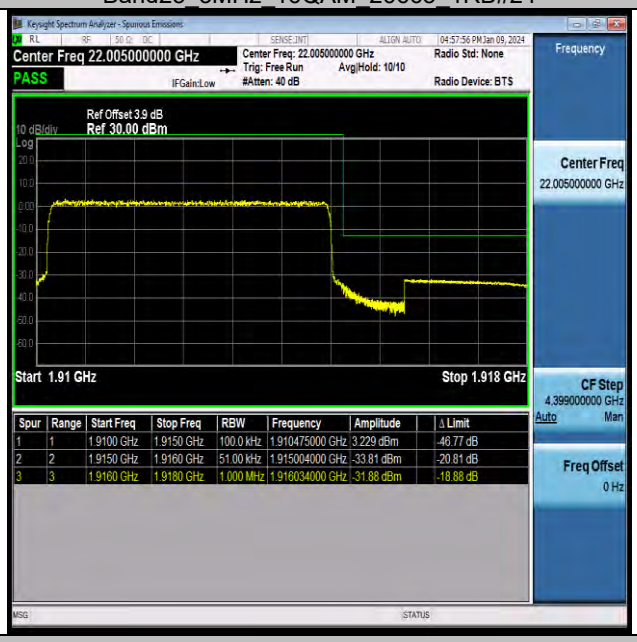

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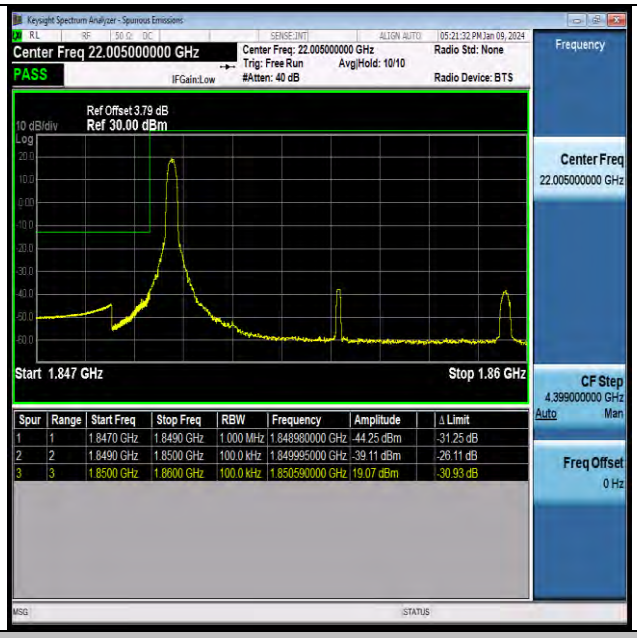
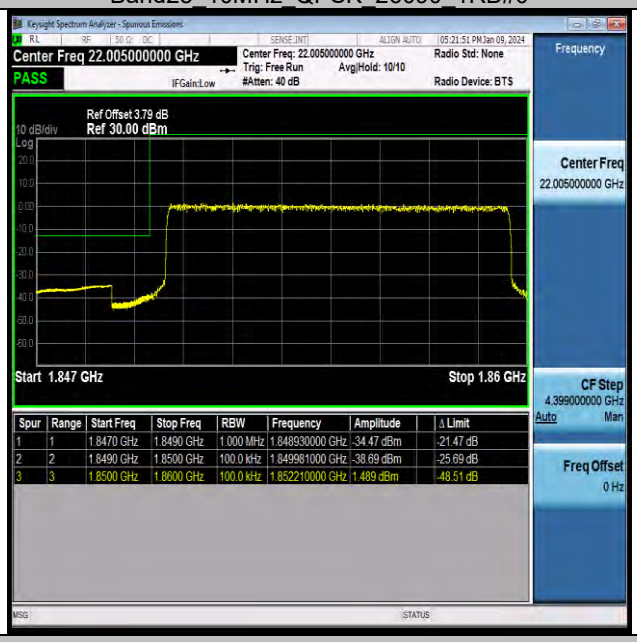
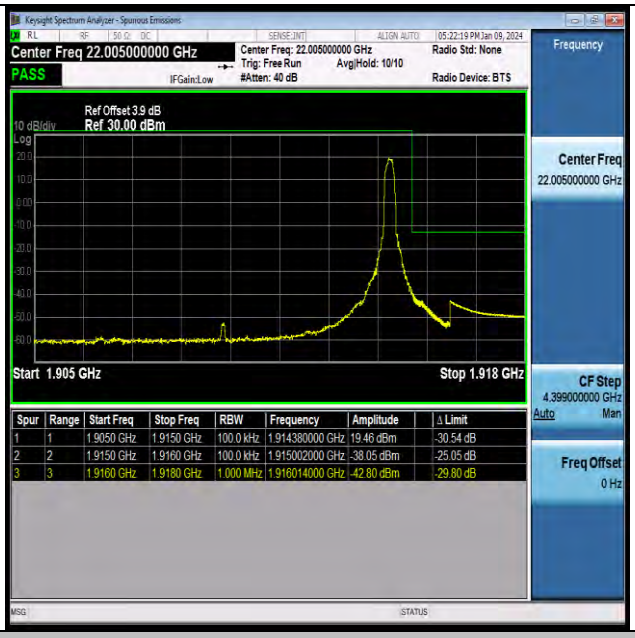


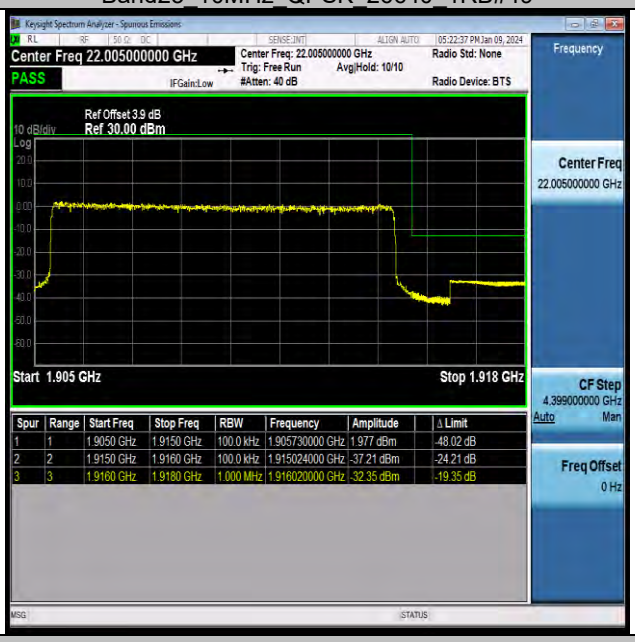
Band25_10MHz_QPSK_26090_1RB#0



Band25_10MHz_QPSK_26090_50RB#0



Band25_10MHz_QPSK_26640_1RB#49



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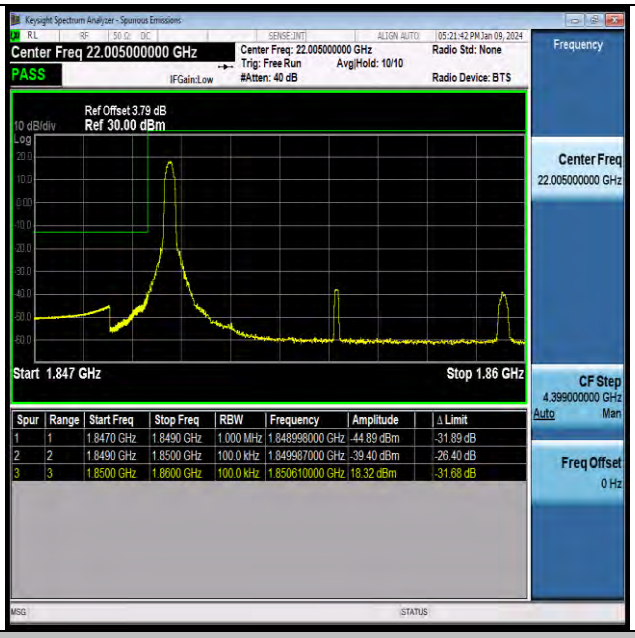
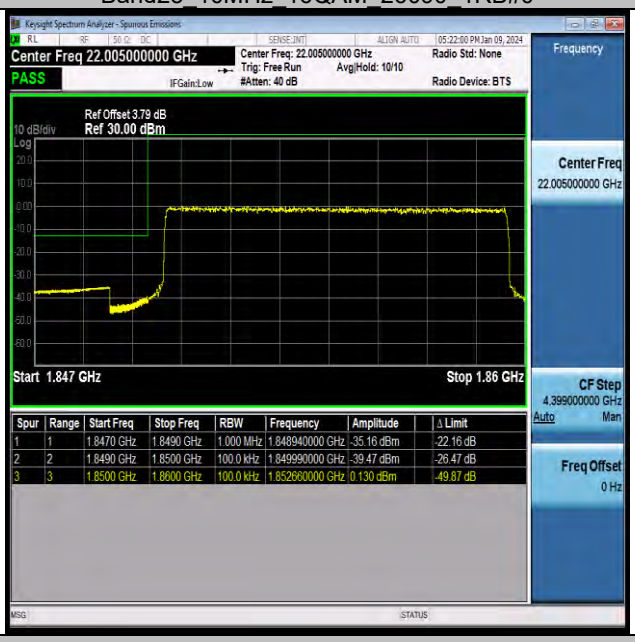


Band25_10MHz_16QAM_26090_1RB#0



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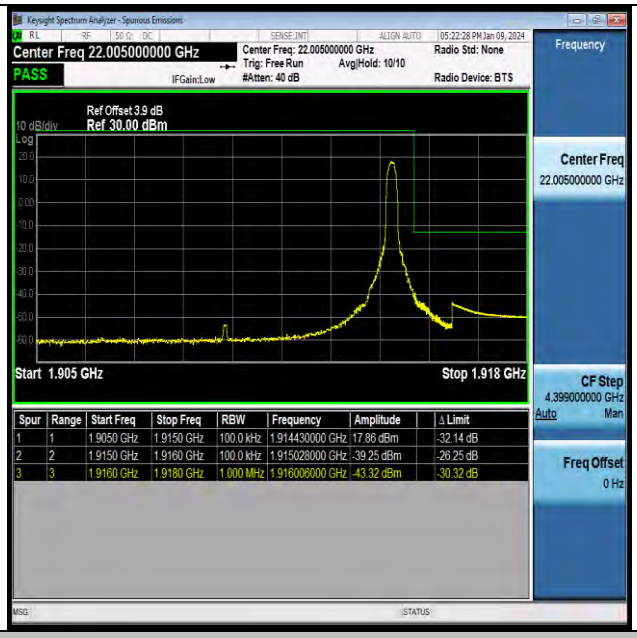
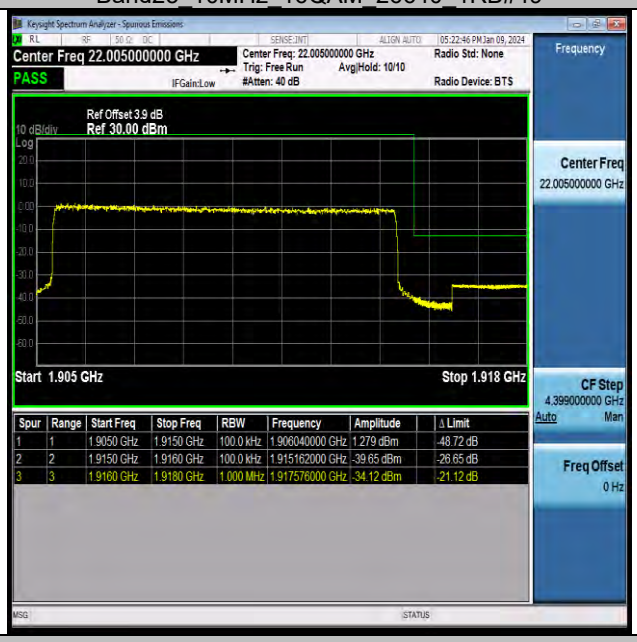
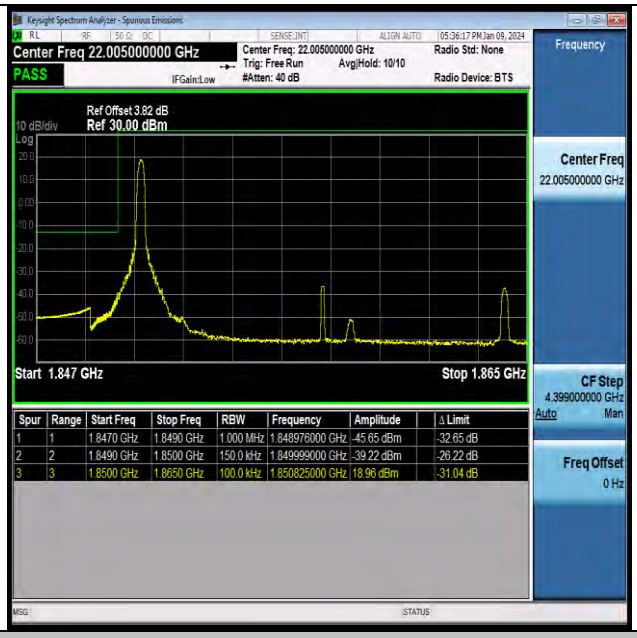


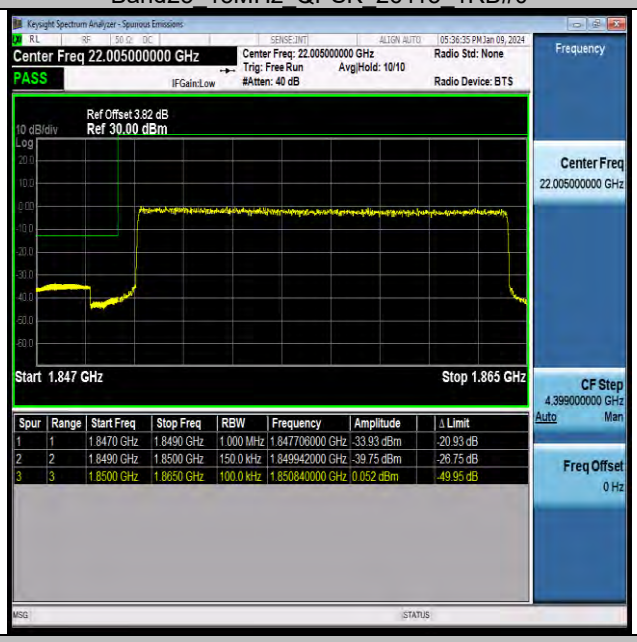
Band25_10MHz_16QAM_26640_1RB#49



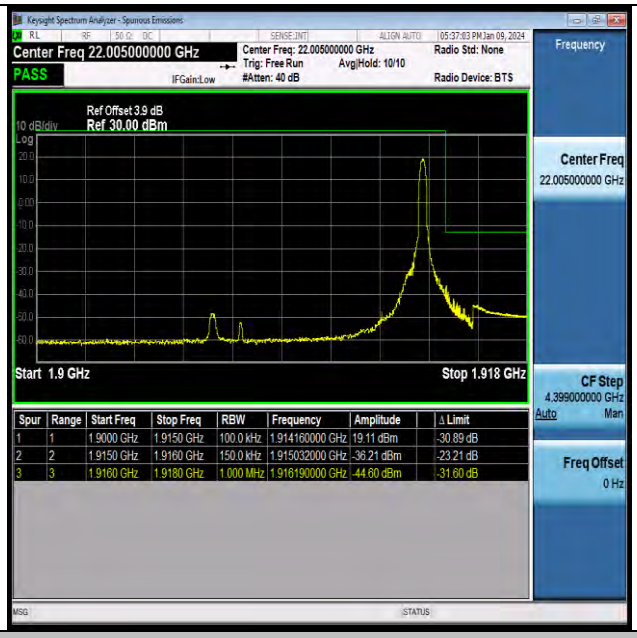
Band25_10MHz_16QAM_26640_50RB#0



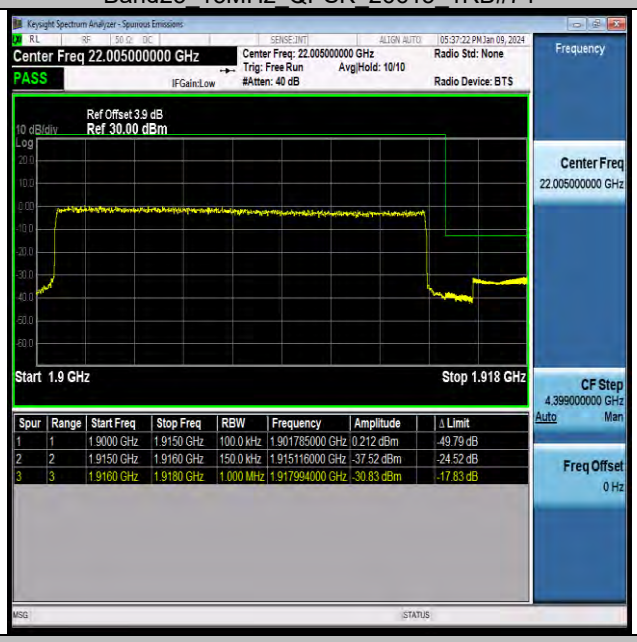
Band25_15MHz_QPSK_26115_1RB#0



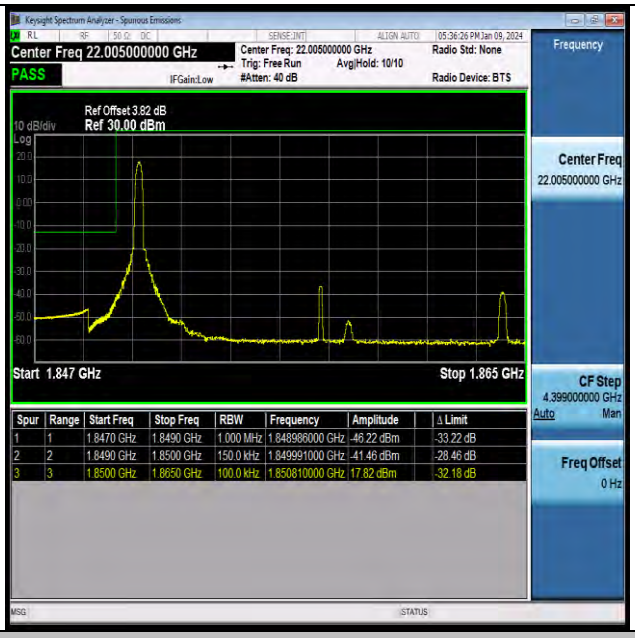
Band25_15MHz_QPSK_26115_75RB#0



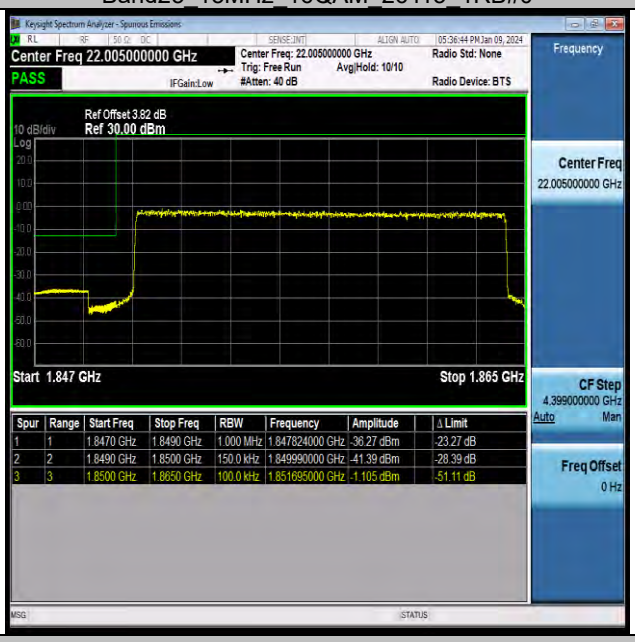
Band25_15MHz_QPSK_26615_1RB#74



Band25_15MHz_QPSK_26615_75RB#0



Band25_15MHz_16QAM_26115_1RB#0



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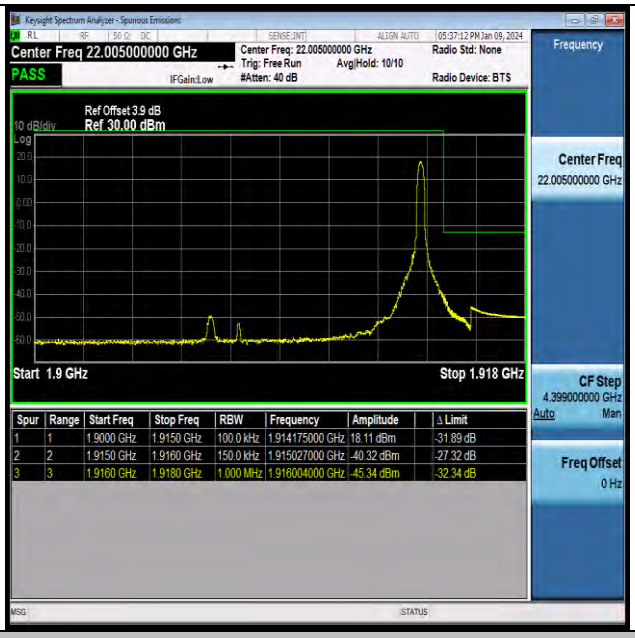
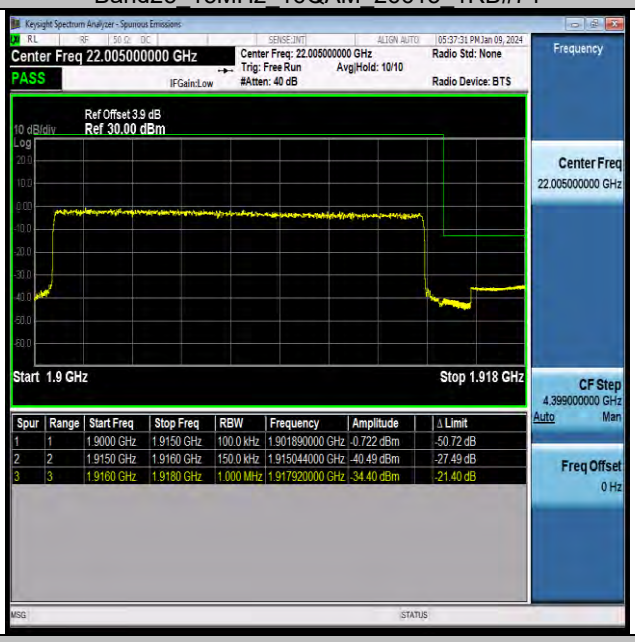
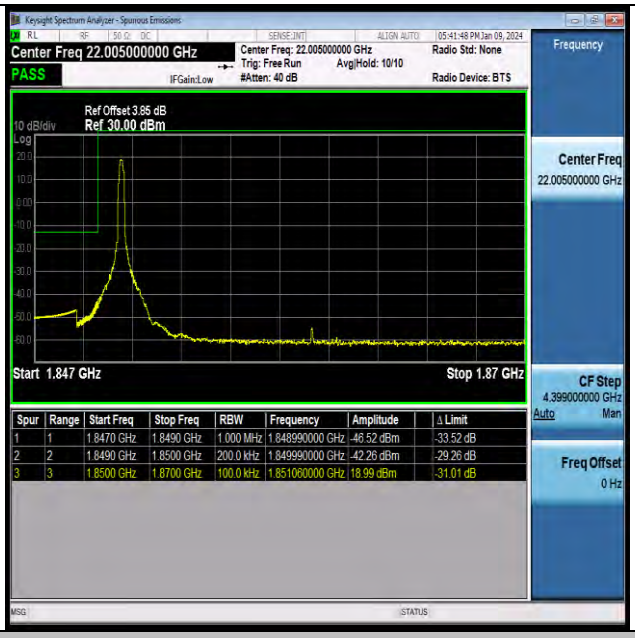


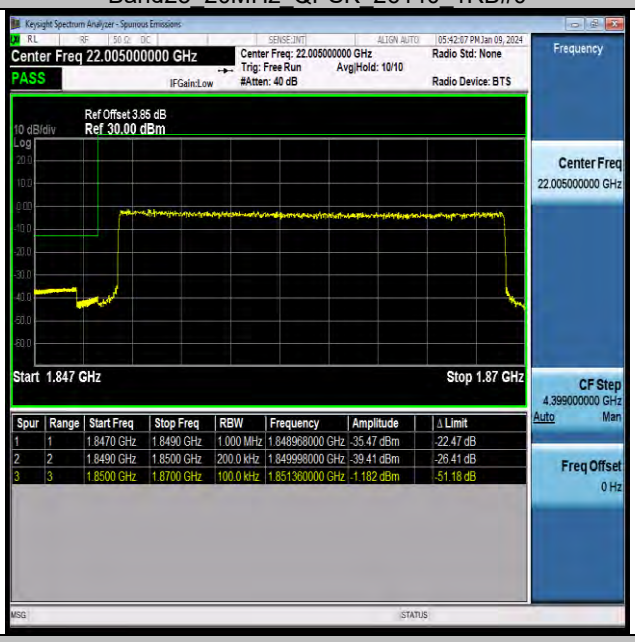
Band25_15MHz_16QAM_26615_1RB#74



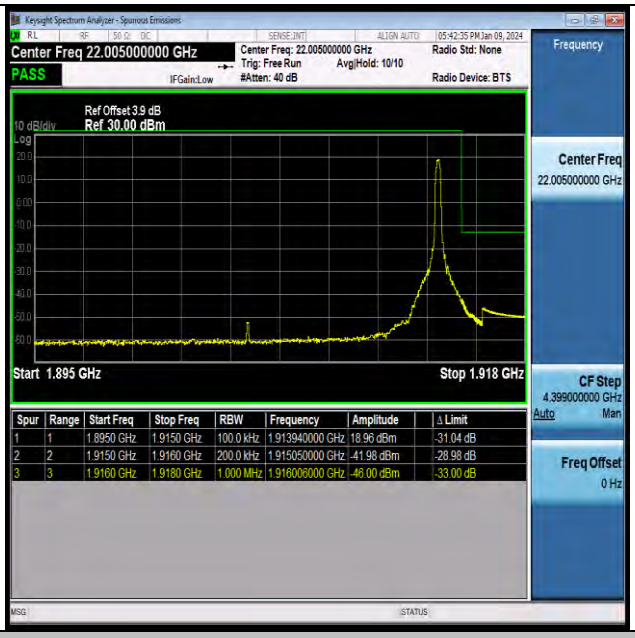
Band25_15MHz_16QAM_26615_75RB#0



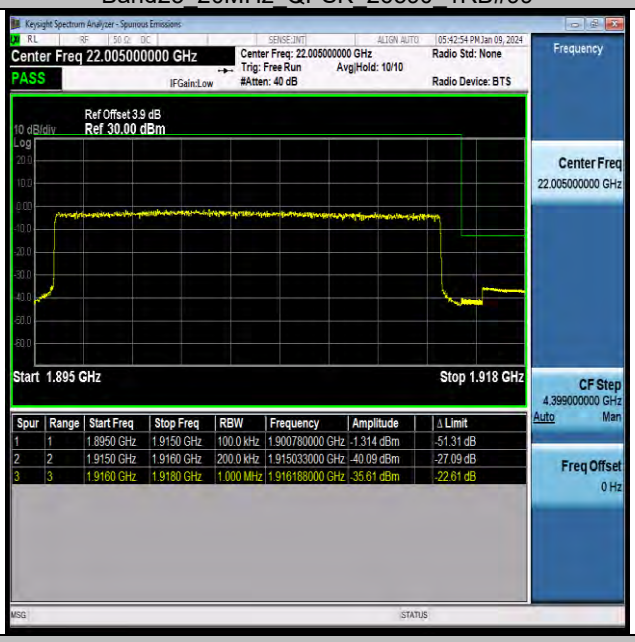
Band25_20MHz_QPSK_26140_1RB#0



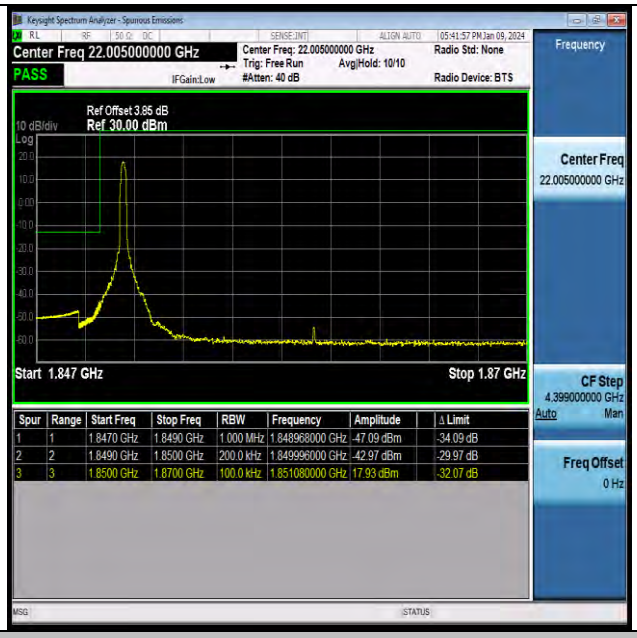
Band25_20MHz_QPSK_26140_100RB#0



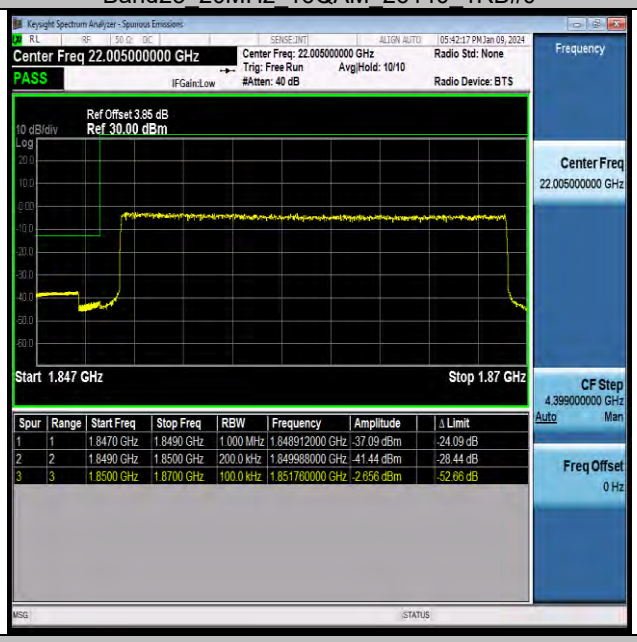
Band25_20MHz_QPSK_26590_1RB#99



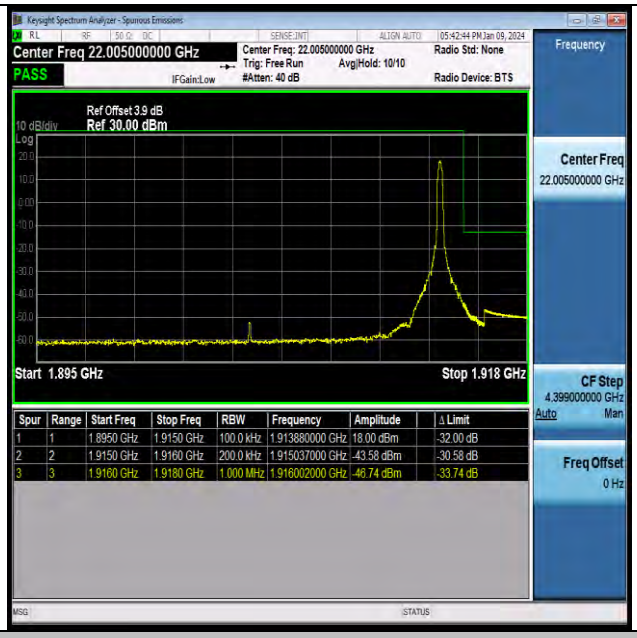
Band25_20MHz_QPSK_26590_100RB#0



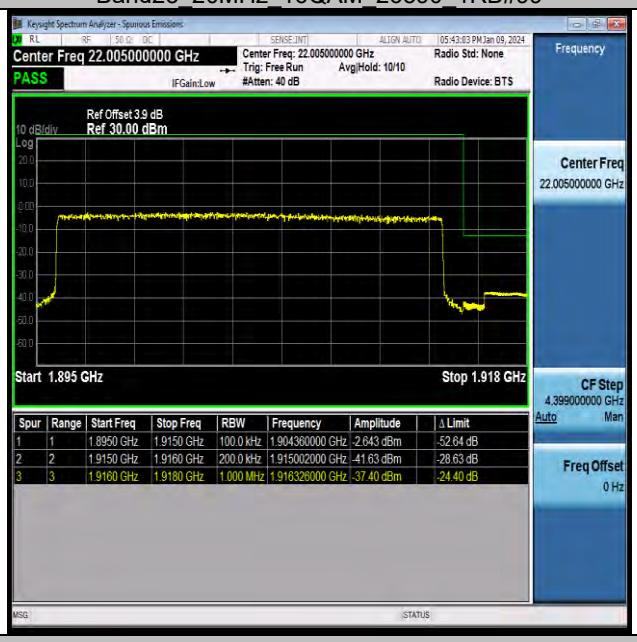
Band25_20MHz_16QAM_26140_1RB#0



Band25_20MHz_16QAM_26140_100RB#0



Band25_20MHz_16QAM_26590_1RB#99



Band25_20MHz_16QAM_26590_100RB#0

CONDUCTED SPURIOUS EMISSION

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Frequency Range	Result (dBm)	Verdict
Band25	1.4MHz	QPSK	26047	1RB#0	30~1000	-58.38	PASS
Band25	1.4MHz	QPSK	26047	1RB#0	1000~20000	-35.58	PASS
Band25	1.4MHz	QPSK	26365	1RB#0	30~1000	-58.38	PASS
Band25	1.4MHz	QPSK	26365	1RB#0	1000~20000	-36.00	PASS
Band25	1.4MHz	QPSK	26683	1RB#0	30~1000	-58.39	PASS
Band25	1.4MHz	QPSK	26683	1RB#0	1000~20000	-35.45	PASS
Band25	3MHz	QPSK	26055	1RB#0	30~1000	-58.35	PASS
Band25	3MHz	QPSK	26055	1RB#0	1000~20000	-36.48	PASS
Band25	3MHz	QPSK	26365	1RB#0	30~1000	-58.34	PASS
Band25	3MHz	QPSK	26365	1RB#0	1000~20000	-36.18	PASS
Band25	3MHz	QPSK	26675	1RB#0	30~1000	-58.37	PASS
Band25	3MHz	QPSK	26675	1RB#0	1000~20000	-35.45	PASS
Band25	5MHz	QPSK	26065	1RB#0	30~1000	-58.37	PASS
Band25	5MHz	QPSK	26065	1RB#0	1000~20000	-36.37	PASS
Band25	5MHz	QPSK	26365	1RB#0	30~1000	-58.32	PASS
Band25	5MHz	QPSK	26365	1RB#0	1000~20000	-36.39	PASS
Band25	5MHz	QPSK	26665	1RB#0	30~1000	-58.34	PASS
Band25	5MHz	QPSK	26665	1RB#0	1000~20000	-36.05	PASS
Band25	10MHz	QPSK	26090	1RB#0	30~1000	-58.37	PASS
Band25	10MHz	QPSK	26090	1RB#0	1000~20000	-36.31	PASS
Band25	10MHz	QPSK	26365	1RB#0	30~1000	-58.35	PASS
Band25	10MHz	QPSK	26365	1RB#0	1000~20000	-35.85	PASS
Band25	10MHz	QPSK	26640	1RB#0	30~1000	-58.35	PASS
Band25	10MHz	QPSK	26640	1RB#0	1000~20000	-35.42	PASS
Band25	15MHz	QPSK	26115	1RB#0	30~1000	-58.38	PASS
Band25	15MHz	QPSK	26115	1RB#0	1000~20000	-36.20	PASS
Band25	15MHz	QPSK	26365	1RB#0	30~1000	-58.38	PASS
Band25	15MHz	QPSK	26365	1RB#0	1000~20000	-36.43	PASS
Band25	15MHz	QPSK	26615	1RB#0	30~1000	-58.34	PASS
Band25	15MHz	QPSK	26615	1RB#0	1000~20000	-35.80	PASS
Band25	20MHz	QPSK	26140	1RB#0	30~1000	-58.38	PASS
Band25	20MHz	QPSK	26140	1RB#0	1000~20000	-36.53	PASS
Band25	20MHz	QPSK	26365	1RB#0	30~1000	-58.39	PASS
Band25	20MHz	QPSK	26365	1RB#0	1000~20000	-36.41	PASS
Band25	20MHz	QPSK	26590	1RB#0	30~1000	-58.37	PASS
Band25	20MHz	QPSK	26590	1RB#0	1000~20000	-35.79	PASS