



Band4-3MHz-64QAM-19965-15RB#0-2.6861



Band4-3MHz-64QAM-20175-15RB#0-2.6861



Band4-3MHz-64QAM-20385-15RB#0-2.6909



Band4-5MHz-64QAM-19975-25RB#0-4.5027



Band4-5MHz-64QAM-20175-25RB#0-4.4956



Band4-5MHz-64QAM-20375-25RB#0-4.4983



Band4-10MHz-64QAM-20000-50RB#0-8.9539



Band4-10MHz-64QAM-20175-50RB#0-8.9512



Band4-10MHz-64QAM-20350-50RB#0-8.9853



Band4-15MHz-64QAM-20025-75RB#0-13.415



Band4-15MHz-64QAM-20175-75RB#0-13.447



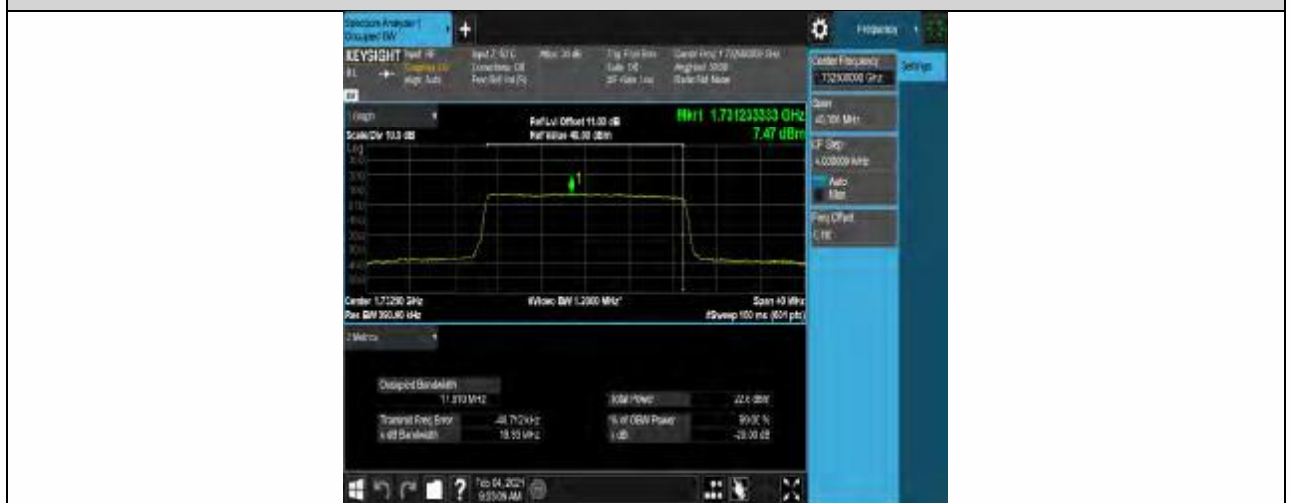
Band4-15MHz-64QAM-20325-75RB#0-13.485



Band4-20MHz-64QAM-20050-100RB#0-17.877



Band4-20MHz-64QAM-20175-100RB#0-17.910



Band4-20MHz-64QAM-20300-100RB#0-17.971



## Appendix D: Band Edge

### Test Result

Band	Bandwidth	Modulation	Channel	RB Config.	Verdict
Band4	1.4MHz	64QAM	19957	1RB#0	PASS
Band4	1.4MHz	64QAM	19957	1RB#5	PASS
Band4	1.4MHz	64QAM	19957	6RB#0	PASS
Band4	1.4MHz	64QAM	20393	1RB#0	PASS
Band4	1.4MHz	64QAM	20393	1RB#5	PASS
Band4	1.4MHz	64QAM	20393	6RB#0	PASS
Band4	3MHz	64QAM	19965	1RB#0	PASS
Band4	3MHz	64QAM	19965	1RB#14	PASS
Band4	3MHz	64QAM	19965	15RB#0	PASS
Band4	3MHz	64QAM	20385	1RB#0	PASS
Band4	3MHz	64QAM	20385	1RB#14	PASS
Band4	3MHz	64QAM	20385	15RB#0	PASS
Band4	5MHz	64QAM	19975	1RB#0	PASS
Band4	5MHz	64QAM	19975	1RB#24	PASS
Band4	5MHz	64QAM	19975	25RB#0	PASS
Band4	5MHz	64QAM	20375	1RB#0	PASS
Band4	5MHz	64QAM	20375	1RB#24	PASS
Band4	5MHz	64QAM	20375	25RB#0	PASS
Band4	10MHz	64QAM	20000	1RB#0	PASS
Band4	10MHz	64QAM	20000	1RB#49	PASS
Band4	10MHz	64QAM	20000	50RB#0	PASS
Band4	10MHz	64QAM	20350	1RB#0	PASS
Band4	10MHz	64QAM	20350	1RB#49	PASS
Band4	10MHz	64QAM	20350	50RB#0	PASS
Band4	15MHz	64QAM	20025	1RB#0	PASS
Band4	15MHz	64QAM	20025	1RB#74	PASS
Band4	15MHz	64QAM	20025	75RB#0	PASS
Band4	15MHz	64QAM	20325	1RB#0	PASS
Band4	15MHz	64QAM	20325	1RB#74	PASS
Band4	15MHz	64QAM	20325	75RB#0	PASS
Band4	20MHz	64QAM	20050	1RB#0	PASS
Band4	20MHz	64QAM	20050	1RB#99	PASS
Band4	20MHz	64QAM	20050	100RB#0	PASS

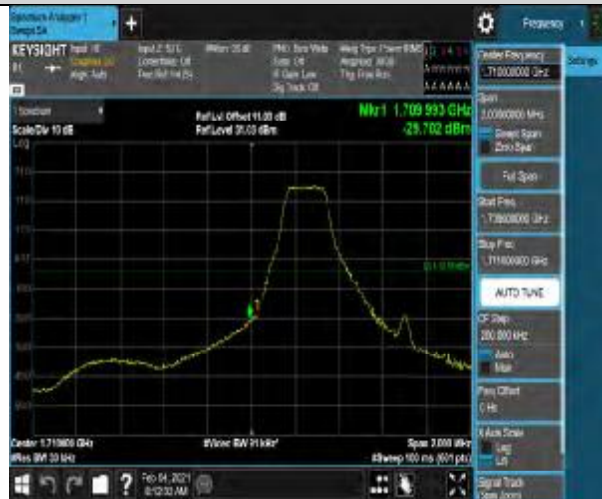
Band4	20MHz	64QAM	20300	1RB#0	PASS
Band4	20MHz	64QAM	20300	1RB#99	PASS
Band4	20MHz	64QAM	20300	100RB#0	PASS





**Test Graphs**

Band4-1.4MHz-64QAM-19957-1RB#0



Band4-1.4MHz-64QAM-19957-1RB#5



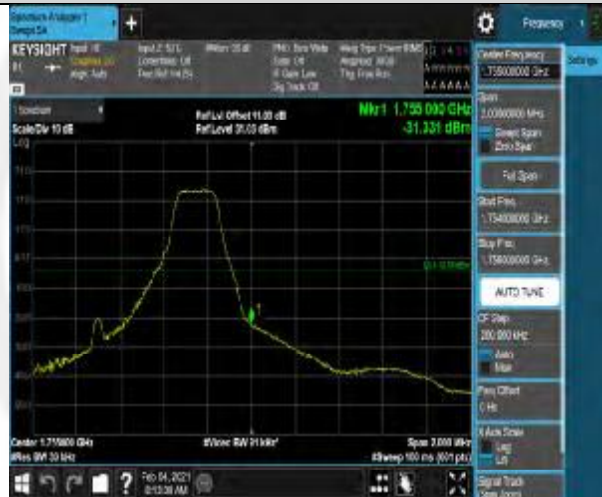
Band4-1.4MHz-64QAM-19957-6RB#0



Band4-1.4MHz-64QAM-20393-1RB#0



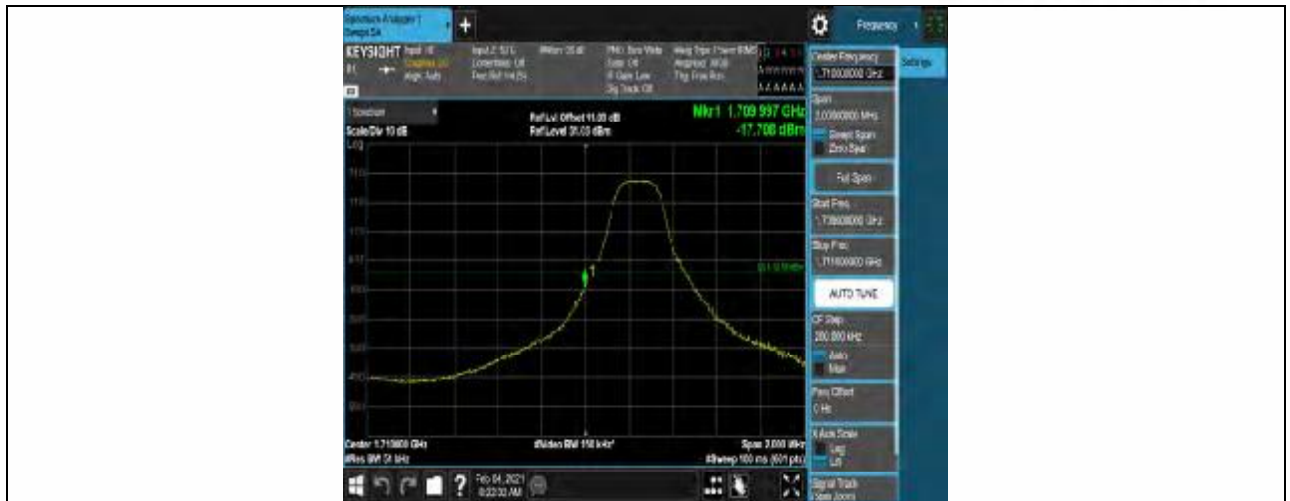
Band4-1.4MHz-64QAM-20393-1RB#5



Band4-1.4MHz-64QAM-20393-6RB#0



Band4-3MHz-64QAM-19965-1RB#0



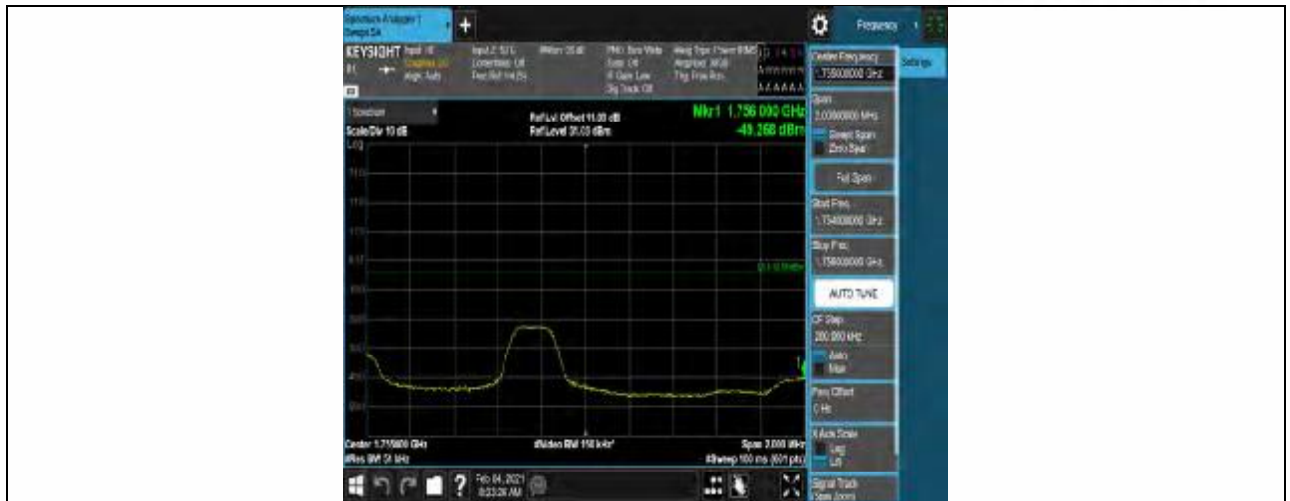
Band4-3MHz-64QAM-19965-1RB#14



Band4-3MHz-64QAM-19965-15RB#0



Band4-3MHz-64QAM-20385-1RB#0



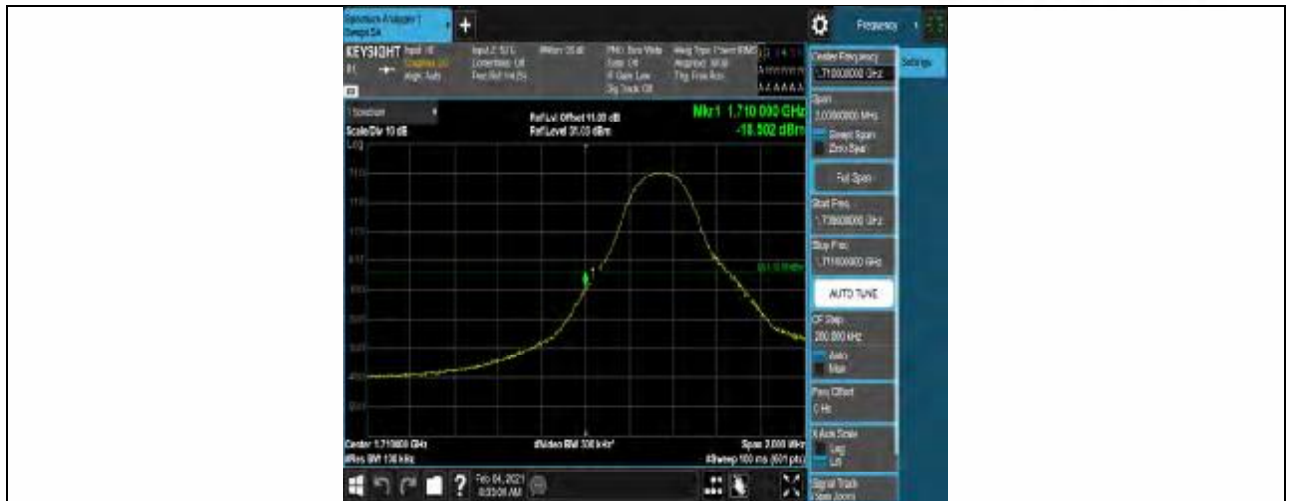
Band4-3MHz-64QAM-20385-1RB#14



Band4-3MHz-64QAM-20385-15RB#0



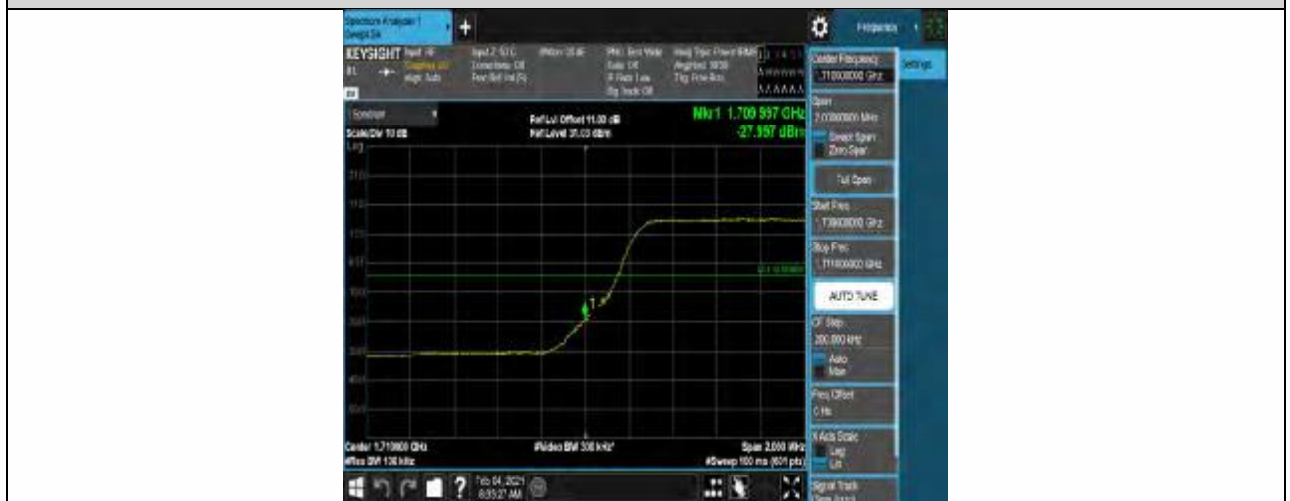
Band4-5MHz-64QAM-19975-1RB#0



Band4-5MHz-64QAM-19975-1RB#24



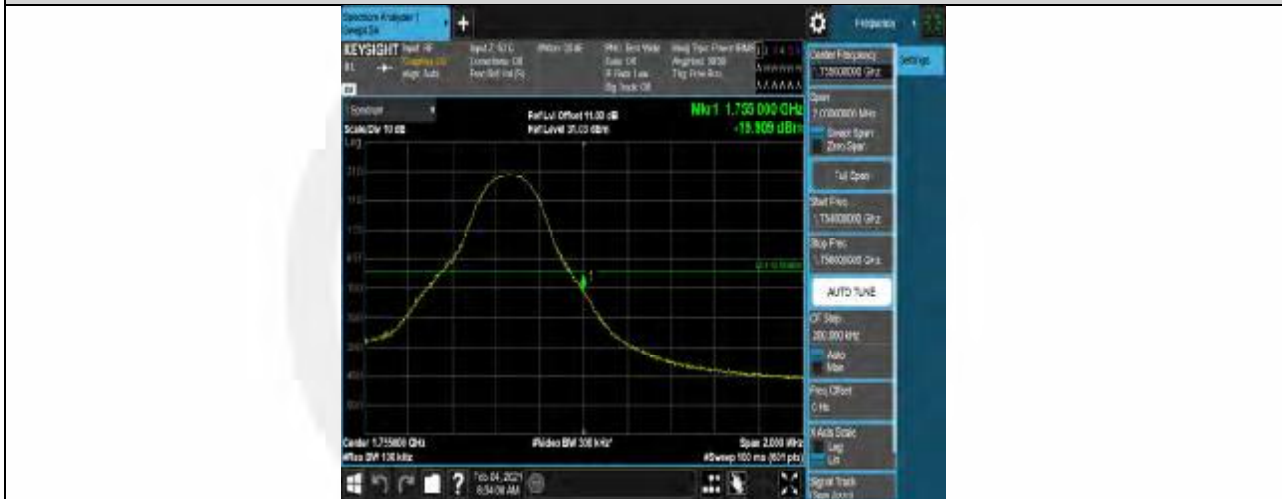
Band4-5MHz-64QAM-19975-25RB#0



Band4-5MHz-64QAM-20375-1RB#0



Band4-5MHz-64QAM-20375-1RB#24



Band4-5MHz-64QAM-20375-25RB#0



Band4-10MHz-64QAM-20000-1RB#0



Band4-10MHz-64QAM-20000-1RB#49



Band4-10MHz-64QAM-20000-50RB#0



Band4-10MHz-64QAM-20350-1RB#0



Band4-10MHz-64QAM-20350-1RB#49



Band4-10MHz-64QAM-20350-50RB#0



Band4-15MHz-64QAM-20025-1RB#0





Band4-15MHz-64QAM-20025-1RB#74



Band4-15MHz-64QAM-20025-75RB#0



Band4-15MHz-64QAM-20325-1RB#0



Band4-15MHz-64QAM-20325-1RB#74



Band4-15MHz-64QAM-20325-75RB#0



Band4-20MHz-64QAM-20050-1RB#0



Band4-20MHz-64QAM-20050-1RB#99



Band4-20MHz-64QAM-20050-100RB#0



Band4-20MHz-64QAM-20300-1RB#0



Band4-20MHz-64QAM-20300-1RB#99



Band4-20MHz-64QAM-20300-100RB#0



## Appendix E: Conducted Spurious Emission

### Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Frequency Range	Result (dBm)	Verdict
Band4	1.4MHz	64QAM	19957	1RB#0	Range1:30~1000MHz	-45.72	PASS
Band4	1.4MHz	64QAM	19957	1RB#0	Range2:1000~2000MHz	-42.83	PASS
Band4	1.4MHz	64QAM	19957	1RB#0	Range3:2000~20000MHz	-40.75	PASS
Band4	1.4MHz	64QAM	20175	1RB#0	Range1:30~1000MHz	-46.54	PASS
Band4	1.4MHz	64QAM	20175	1RB#0	Range2:1000~2000MHz	-43.24	PASS
Band4	1.4MHz	64QAM	20175	1RB#0	Range3:2000~20000MHz	-43.07	PASS
Band4	1.4MHz	64QAM	20393	1RB#0	Range1:30~1000MHz	-46.09	PASS
Band4	1.4MHz	64QAM	20393	1RB#0	Range2:1000~2000MHz	-41.17	PASS
Band4	1.4MHz	64QAM	20393	1RB#0	Range3:2000~20000MHz	-43.31	PASS
Band4	3MHz	64QAM	19965	1RB#0	Range1:30~1000MHz	-45.07	PASS
Band4	3MHz	64QAM	19965	1RB#0	Range2:1000~2000MHz	-42.84	PASS
Band4	3MHz	64QAM	19965	1RB#0	Range3:2000~20000MHz	-43.83	PASS
Band4	3MHz	64QAM	20175	1RB#0	Range1:30~1000MHz	-45.64	PASS
Band4	3MHz	64QAM	20175	1RB#0	Range2:1000~2000MHz	-40.94	PASS
Band4	3MHz	64QAM	20175	1RB#0	Range3:2000~20000MHz	-42.87	PASS
Band4	3MHz	64QAM	20385	1RB#0	Range1:30~1000MHz	-45.91	PASS
Band4	3MHz	64QAM	20385	1RB#0	Range2:1000~2000MHz	-42.74	PASS
Band4	3MHz	64QAM	20385	1RB#0	Range3:2000~20000MHz	-38.11	PASS
Band4	5MHz	64QAM	19975	1RB#0	Range1:30~1000MHz	-45.74	PASS
Band4	5MHz	64QAM	19975	1RB#0	Range2:1000~2000MHz	-42.16	PASS
Band4	5MHz	64QAM	19975	1RB#0	Range3:2000~20000MHz	-43.26	PASS
Band4	5MHz	64QAM	20175	1RB#0	Range1:30~1000MHz	-45.2	PASS
Band4	5MHz	64QAM	20175	1RB#0	Range2:1000~2000MHz	-43.46	PASS
Band4	5MHz	64QAM	20175	1RB#0	Range3:2000~20000MHz	-43.43	PASS
Band4	5MHz	64QAM	20375	1RB#0	Range1:30~1000MHz	-46.32	PASS
Band4	5MHz	64QAM	20375	1RB#0	Range2:1000~2000MHz	-42.96	PASS
Band4	5MHz	64QAM	20375	1RB#0	Range3:2000~20000MHz	-41.81	PASS
Band4	10MHz	64QAM	20000	1RB#0	Range1:30~1000MHz	-45.97	PASS
Band4	10MHz	64QAM	20000	1RB#0	Range2:1000~2000MHz	-42.74	PASS
Band4	10MHz	64QAM	20000	1RB#0	Range3:2000~20000MHz	-42.69	PASS
Band4	10MHz	64QAM	20175	1RB#0	Range1:30~1000MHz	-45.77	PASS

Band4	10MHz	64QAM	20175	1RB#0	Range2:1000~2000MHz	-41.44	PASS
Band4	10MHz	64QAM	20175	1RB#0	Range3:2000~20000MHz	-42.87	PASS
Band4	10MHz	64QAM	20350	1RB#0	Range1:30~1000MHz	-45.09	PASS
Band4	10MHz	64QAM	20350	1RB#0	Range2:1000~2000MHz	-41.98	PASS
Band4	10MHz	64QAM	20350	1RB#0	Range3:2000~20000MHz	-43.75	PASS
Band4	15MHz	64QAM	20025	1RB#0	Range1:30~1000MHz	-45.49	PASS
Band4	15MHz	64QAM	20025	1RB#0	Range2:1000~2000MHz	-41.54	PASS
Band4	15MHz	64QAM	20025	1RB#0	Range3:2000~20000MHz	-41.98	PASS
Band4	15MHz	64QAM	20175	1RB#0	Range1:30~1000MHz	-45.71	PASS
Band4	15MHz	64QAM	20175	1RB#0	Range2:1000~2000MHz	-41.83	PASS
Band4	15MHz	64QAM	20175	1RB#0	Range3:2000~20000MHz	-43.04	PASS
Band4	15MHz	64QAM	20325	1RB#0	Range1:30~1000MHz	-46.13	PASS
Band4	15MHz	64QAM	20325	1RB#0	Range2:1000~2000MHz	-43.06	PASS
Band4	15MHz	64QAM	20325	1RB#0	Range3:2000~20000MHz	-43.57	PASS
Band4	20MHz	64QAM	20050	1RB#0	Range1:30~1000MHz	-46.35	PASS
Band4	20MHz	64QAM	20050	1RB#0	Range2:1000~2000MHz	-42.24	PASS
Band4	20MHz	64QAM	20050	1RB#0	Range3:2000~20000MHz	-42.51	PASS
Band4	20MHz	64QAM	20175	1RB#0	Range1:30~1000MHz	-45.66	PASS
Band4	20MHz	64QAM	20175	1RB#0	Range2:1000~2000MHz	-42.82	PASS
Band4	20MHz	64QAM	20175	1RB#0	Range3:2000~20000MHz	-43.81	PASS
Band4	20MHz	64QAM	20300	1RB#0	Range1:30~1000MHz	-46.28	PASS
Band4	20MHz	64QAM	20300	1RB#0	Range2:1000~2000MHz	-42.05	PASS
Band4	20MHz	64QAM	20300	1RB#0	Range3:2000~20000MHz	-41.98	PASS

## Test Graphs

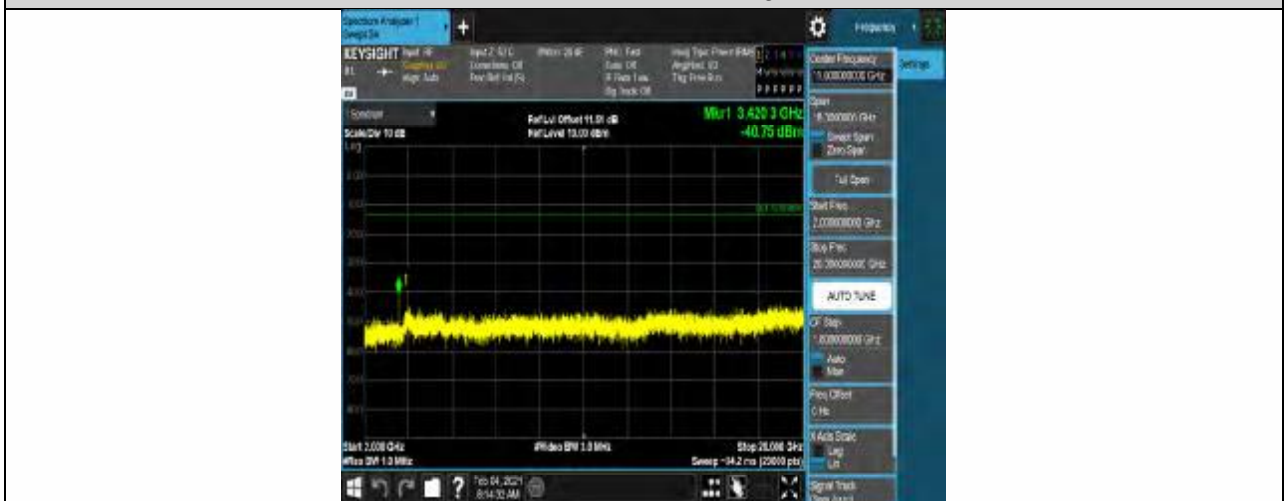
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Band4-1.4MHz-64QAM-19957-1RB#0-Range2:1000~2000MHz



Band4-1.4MHz-64QAM-19957-1RB#0-Range3:2000~20000MHz



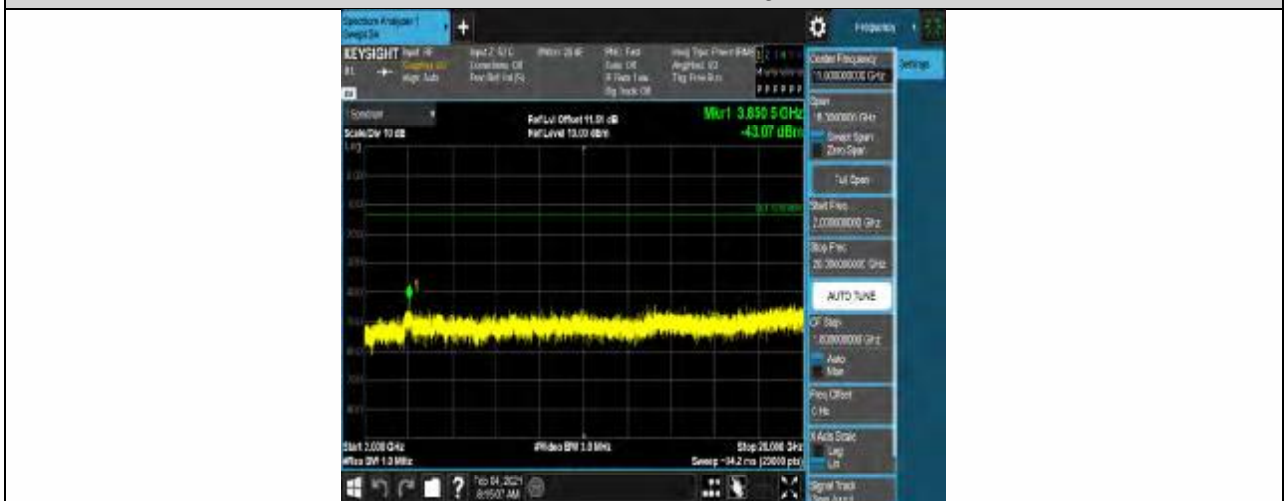
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Band4-1.4MHz-64QAM-20175-1RB#0-Range2:1000~2000MHz



Band4-1.4MHz-64QAM-20175-1RB#0-Range3:2000~20000MHz



Band4-1.4MHz-64QAM-20393-1RB#0-Range1:30~1000MHz





Band4-1.4MHz-64QAM-20393-1RB#0-Range2:1000~2000MHz



Band4-1.4MHz-64QAM-20393-1RB#0-Range3:2000~20000MHz



Band4-3MHz-64QAM-19965-1RB#0-Range1:30~1000MHz



Band4-3MHz-64QAM-19965-1RB#0-Range2:1000~2000MHz



Band4-3MHz-64QAM-19965-1RB#0-Range3:2000~20000MHz



Band4-3MHz-64QAM-20175-1RB#0-Range1:30~1000MHz



Band4-3MHz-64QAM-20175-1RB#0-Range2:1000~2000MHz



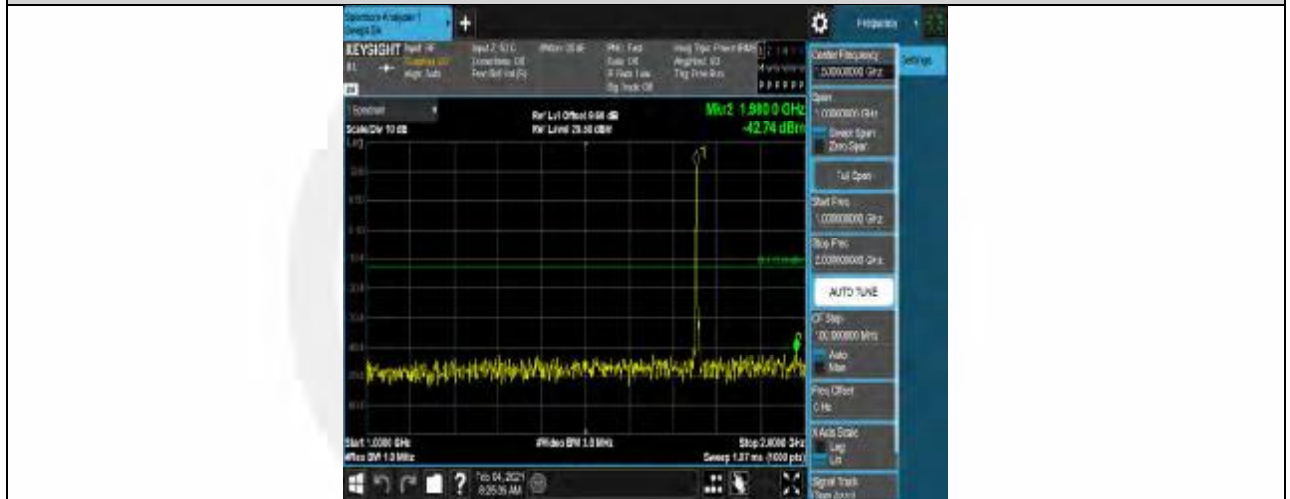
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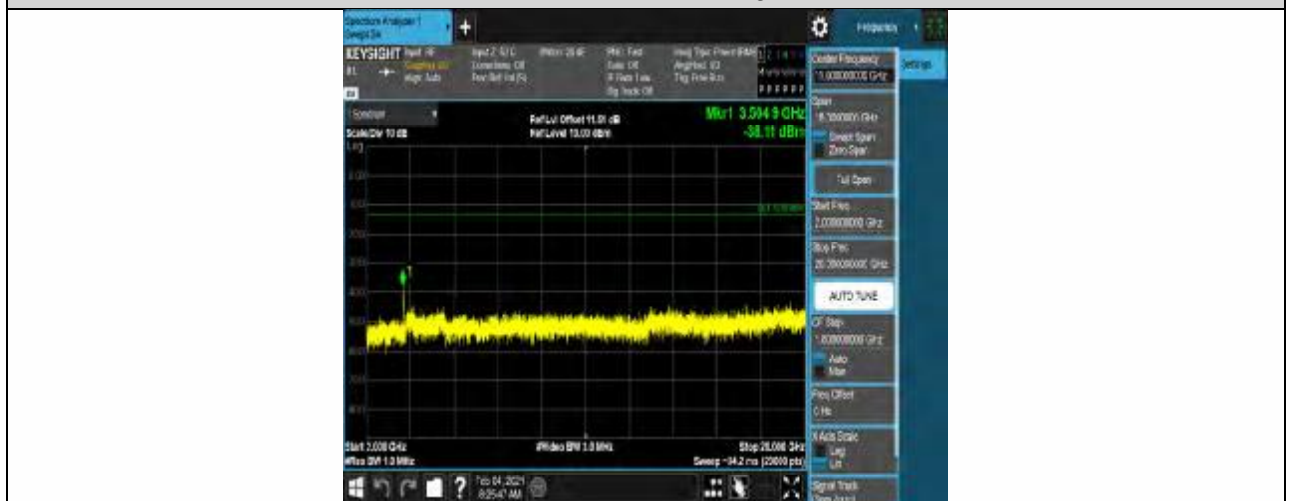
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Band4-3MHz-64QAM-20385-1RB#0-Range2:1000~2000MHz



Band4-3MHz-64QAM-20385-1RB#0-Range3:2000~20000MHz



Band4-5MHz-64QAM-19975-1RB#0-Range1:30~1000MHz



Band4-5MHz-64QAM-19975-1RB#0-Range2:1000~2000MHz



Band4-5MHz-64QAM-19975-1RB#0-Range3:2000~20000MHz



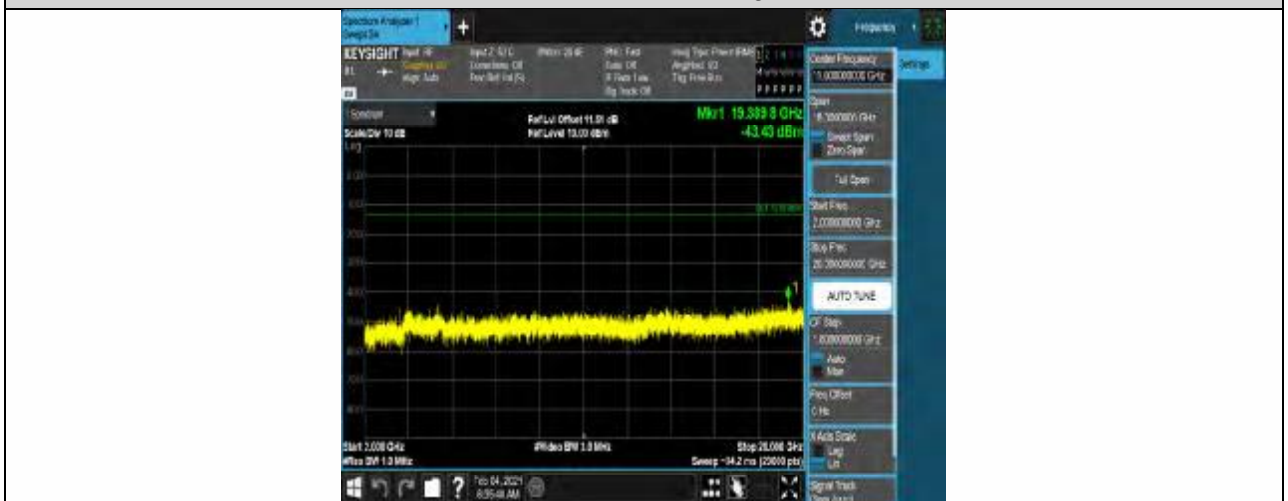
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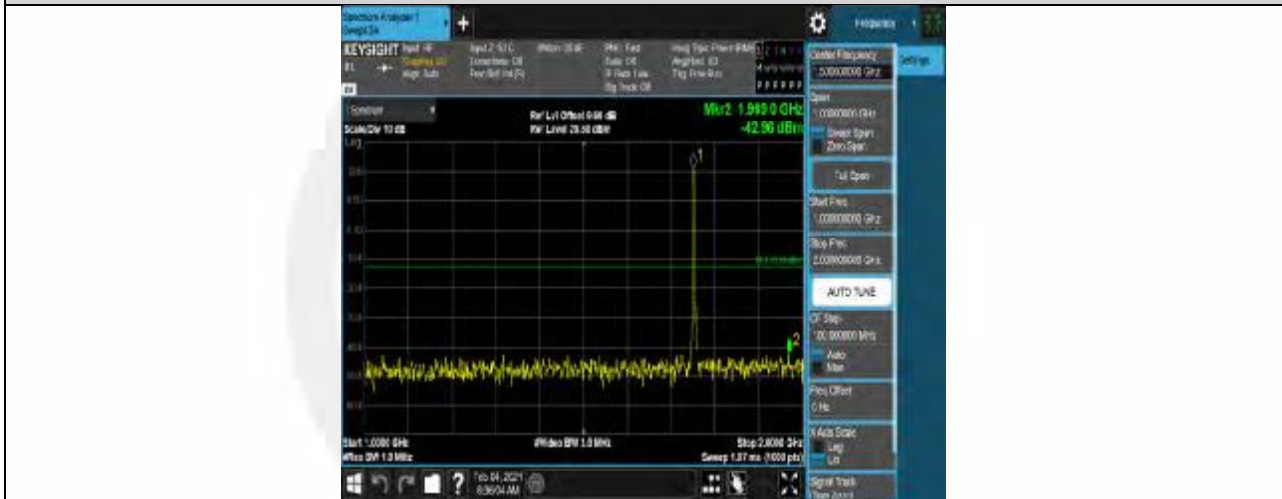
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Band4-5MHz-64QAM-20375-1RB#0-Range1:30~1000MHz



Band4-5MHz-64QAM-20375-1RB#0-Range2:1000~2000MHz



Band4-5MHz-64QAM-20375-1RB#0-Range3:2000~20000MHz



Band4-10MHz-64QAM-20000-1RB#0-Range1:30~1000MHz



Band4-10MHz-64QAM-20000-1RB#0-Range2:1000~2000MHz



Band4-10MHz-64QAM-20000-1RB#0-Range3:2000~20000MHz



Band4-10MHz-64QAM-20175-1RB#0-Range1:30~1000MHz





Band4-10MHz-64QAM-20175-1RB#0-Range2:1000~2000MHz



Band4-10MHz-64QAM-20175-1RB#0-Range3:2000~20000MHz



Band4-10MHz-64QAM-20350-1RB#0-Range1:30~1000MHz



Band4-10MHz-64QAM-20350-1RB#0-Range2:1000~2000MHz



Band4-10MHz-64QAM-20350-1RB#0-Range3:2000~20000MHz



Band4-15MHz-64QAM-20025-1RB#0-Range1:30~1000MHz



Band4-15MHz-64QAM-20025-1RB#0-Range2:1000~2000MHz



Band4-15MHz-64QAM-20025-1RB#0-Range3:2000~20000MHz



Band4-15MHz-64QAM-20175-1RB#0-Range1:30~1000MHz



Band4-15MHz-64QAM-20175-1RB#0-Range2:1000~2000MHz



Band4-15MHz-64QAM-20175-1RB#0-Range3:2000~20000MHz



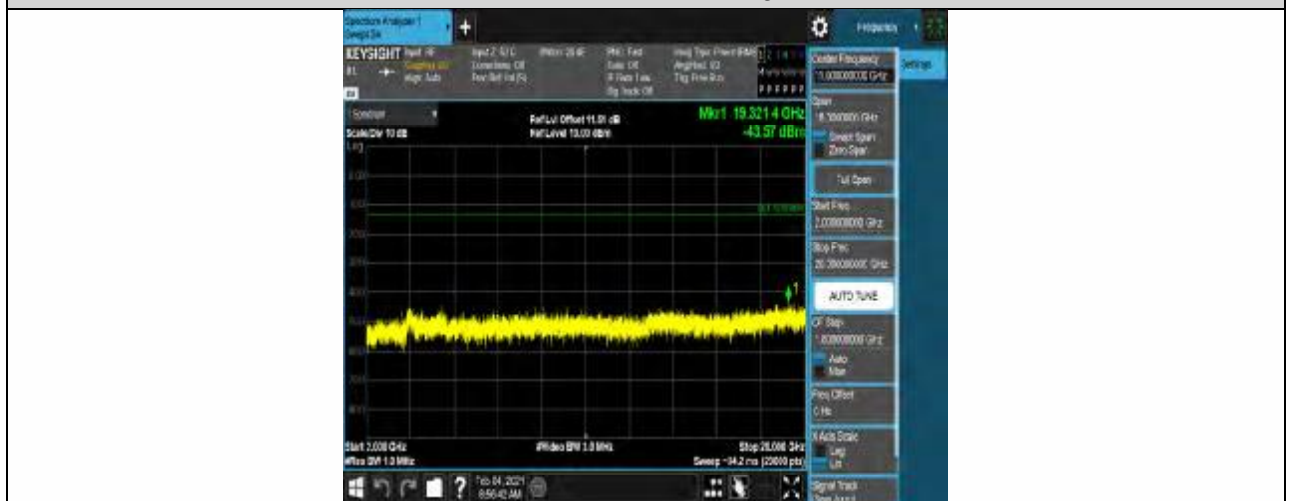
Band4-15MHz-64QAM-20325-1RB#0-Range1:30~1000MHz



Band4-15MHz-64QAM-20325-1RB#0-Range2:1000~2000MHz



Band4-15MHz-64QAM-20325-1RB#0-Range3:2000~20000MHz



Band4-20MHz-64QAM-20050-1RB#0-Range1:30~1000MHz



Band4-20MHz-64QAM-20050-1RB#0-Range2:1000~2000MHz



Band4-20MHz-64QAM-20050-1RB#0-Range3:2000~20000MHz



Band4-20MHz-64QAM-20175-1RB#0-Range1:30~1000MHz



Band4-20MHz-64QAM-20175-1RB#0-Range2:1000~2000MHz



Band4-20MHz-64QAM-20175-1RB#0-Range3:2000~20000MHz



Band4-20MHz-64QAM-20300-1RB#0-Range1:30~1000MHz



Band4-20MHz-64QAM-20300-1RB#0-Range2:1000~2000MHz



Band4-20MHz-64QAM-20300-1RB#0-Range3:2000~20000MHz





## Appendix F: Frequency Stability

### Test Result

Band	Bandwidth	Modulation	Channel	RB Configure	Voltage		Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
					Voltage [Vdc]	Temperature (°C)				
Band4	1.4MHz	64QAM	19957	6RB#0	VL	NT	11.01	0.006436	±2.5	PASS
Band4	1.4MHz	64QAM	19957	6RB#0	VN	NT	8.13	0.004752	±2.5	PASS
Band4	1.4MHz	64QAM	19957	6RB#0	VH	NT	9.14	0.005343	±2.5	PASS
Band4	1.4MHz	64QAM	20175	6RB#0	VL	NT	18.21	0.010511	±2.5	PASS
Band4	1.4MHz	64QAM	20175	6RB#0	VN	NT	-14.13	-0.008156	±2.5	PASS
Band4	1.4MHz	64QAM	20175	6RB#0	VH	NT	15.36	0.008866	±2.5	PASS
Band4	1.4MHz	64QAM	20393	6RB#0	VL	NT	16.04	0.009143	±2.5	PASS
Band4	1.4MHz	64QAM	20393	6RB#0	VN	NT	15.48	0.008824	±2.5	PASS
Band4	1.4MHz	64QAM	20393	6RB#0	VH	NT	18.93	0.010791	±2.5	PASS
Band4	3MHz	64QAM	19965	15RB#0	VL	NT	11.63	0.006795	±2.5	PASS
Band4	3MHz	64QAM	19965	15RB#0	VN	NT	8.03	0.004692	±2.5	PASS
Band4	3MHz	64QAM	19965	15RB#0	VH	NT	7.54	0.004405	±2.5	PASS
Band4	3MHz	64QAM	20175	15RB#0	VL	NT	13.68	0.007896	±2.5	PASS
Band4	3MHz	64QAM	20175	15RB#0	VN	NT	11.46	0.006615	±2.5	PASS
Band4	3MHz	64QAM	20175	15RB#0	VH	NT	12.97	0.007486	±2.5	PASS
Band4	3MHz	64QAM	20385	15RB#0	VL	NT	11.72	0.006684	±2.5	PASS
Band4	3MHz	64QAM	20385	15RB#0	VN	NT	13.02	0.007425	±2.5	PASS
Band4	3MHz	64QAM	20385	15RB#0	VH	NT	15.25	0.008697	±2.5	PASS
Band4	5MHz	64QAM	19975	25RB#0	VL	NT	-8.24	-0.004812	±2.5	PASS
Band4	5MHz	64QAM	19975	25RB#0	VN	NT	-6.58	-0.003842	±2.5	PASS
Band4	5MHz	64QAM	19975	25RB#0	VH	NT	-9.86	-0.005758	±2.5	PASS
Band4	5MHz	64QAM	20175	25RB#0	VL	NT	7.44	0.004294	±2.5	PASS
Band4	5MHz	64QAM	20175	25RB#0	VN	NT	8.48	0.004895	±2.5	PASS
Band4	5MHz	64QAM	20175	25RB#0	VH	NT	2.23	0.001287	±2.5	PASS
Band4	5MHz	64QAM	20375	25RB#0	VL	NT	6.62	0.003777	±2.5	PASS
Band4	5MHz	64QAM	20375	25RB#0	VN	NT	7.78	0.004439	±2.5	PASS
Band4	5MHz	64QAM	20375	25RB#0	VH	NT	11.13	0.006351	±2.5	PASS
Band4	10MHz	64QAM	20000	50RB#0	VL	NT	-3.00	-0.001749	±2.5	PASS
Band4	10MHz	64QAM	20000	50RB#0	VN	NT	-7.07	-0.004122	±2.5	PASS
Band4	10MHz	64QAM	20000	50RB#0	VH	NT	-4.68	-0.002729	±2.5	PASS

Band4	10MHz	64QAM	20175	50RB#0	VL	NT	7.78	0.004491	±2.5	PASS
Band4	10MHz	64QAM	20175	50RB#0	VN	NT	5.39	0.003111	±2.5	PASS
Band4	10MHz	64QAM	20175	50RB#0	VH	NT	6.92	0.003994	±2.5	PASS
Band4	10MHz	64QAM	20350	50RB#0	VL	NT	-5.28	-0.003017	±2.5	PASS
Band4	10MHz	64QAM	20350	50RB#0	VN	NT	4.38	0.002503	±2.5	PASS
Band4	10MHz	64QAM	20350	50RB#0	VH	NT	-7.12	-0.004069	±2.5	PASS
Band4	15MHz	64QAM	20025	75RB#0	VL	NT	5.94	0.003459	±2.5	PASS
Band4	15MHz	64QAM	20025	75RB#0	VN	NT	5.94	0.003459	±2.5	PASS
Band4	15MHz	64QAM	20025	75RB#0	VH	NT	8.03	0.004675	±2.5	PASS
Band4	15MHz	64QAM	20175	75RB#0	VL	NT	5.75	0.003319	±2.5	PASS
Band4	15MHz	64QAM	20175	75RB#0	VN	NT	4.62	0.002667	±2.5	PASS
Band4	15MHz	64QAM	20175	75RB#0	VH	NT	11.22	0.006476	±2.5	PASS
Band4	15MHz	64QAM	20325	75RB#0	VL	NT	11.73	0.006712	±2.5	PASS
Band4	15MHz	64QAM	20325	75RB#0	VN	NT	8.57	0.004904	±2.5	PASS
Band4	15MHz	64QAM	20325	75RB#0	VH	NT	9.17	0.005247	±2.5	PASS
Band4	20MHz	64QAM	20050	100RB#0	VL	NT	-9.03	-0.005250	±2.5	PASS
Band4	20MHz	64QAM	20050	100RB#0	VN	NT	-8.58	-0.004988	±2.5	PASS
Band4	20MHz	64QAM	20050	100RB#0	VH	NT	-6.95	-0.004041	±2.5	PASS
Band4	20MHz	64QAM	20175	100RB#0	VL	NT	8.61	0.004970	±2.5	PASS
Band4	20MHz	64QAM	20175	100RB#0	VN	NT	6.82	0.003937	±2.5	PASS
Band4	20MHz	64QAM	20175	100RB#0	VH	NT	8.96	0.005172	±2.5	PASS
Band4	20MHz	64QAM	20300	100RB#0	VL	NT	5.44	0.003117	±2.5	PASS
Band4	20MHz	64QAM	20300	100RB#0	VN	NT	-2.79	-0.001599	±2.5	PASS
Band4	20MHz	64QAM	20300	100RB#0	VH	NT	5.64	0.003232	±2.5	PASS

Temperature										
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band4	1.4MHz	64QAM	19957	6RB#0	NV	-30	14.05	0.008213	±2.5	PASS
Band4	1.4MHz	64QAM	19957	6RB#0	NV	-20	10.74	0.006278	±2.5	PASS
Band4	1.4MHz	64QAM	19957	6RB#0	NV	-10	10.21	0.005968	±2.5	PASS
Band4	1.4MHz	64QAM	19957	6RB#0	NV	0	15.85	0.009265	±2.5	PASS
Band4	1.4MHz	64QAM	19957	6RB#0	NV	10	13.19	0.007710	±2.5	PASS
Band4	1.4MHz	64QAM	19957	6RB#0	NV	20	13.12	0.007669	±2.5	PASS
Band4	1.4MHz	64QAM	19957	6RB#0	NV	30	12.29	0.007184	±2.5	PASS
Band4	1.4MHz	64QAM	19957	6RB#0	NV	40	7.47	0.004367	±2.5	PASS

Band4	1.4MHz	64QAM	19957	6RB#0	NV	50	6.74	0.003940	±2.5	PASS
Band4	1.4MHz	64QAM	20175	6RB#0	NV	-30	21.09	0.012173	±2.5	PASS
Band4	1.4MHz	64QAM	20175	6RB#0	NV	-20	20.91	0.012069	±2.5	PASS
Band4	1.4MHz	64QAM	20175	6RB#0	NV	-10	23.85	0.013766	±2.5	PASS
Band4	1.4MHz	64QAM	20175	6RB#0	NV	0	15.48	0.008935	±2.5	PASS
Band4	1.4MHz	64QAM	20175	6RB#0	NV	10	22.36	0.012906	±2.5	PASS
Band4	1.4MHz	64QAM	20175	6RB#0	NV	20	14.53	0.008387	±2.5	PASS
Band4	1.4MHz	64QAM	20175	6RB#0	NV	30	9.46	0.005460	±2.5	PASS
Band4	1.4MHz	64QAM	20175	6RB#0	NV	40	13.96	0.008058	±2.5	PASS
Band4	1.4MHz	64QAM	20175	6RB#0	NV	50	12.20	0.007042	±2.5	PASS
Band4	1.4MHz	64QAM	20393	6RB#0	NV	-30	19.97	0.011383	±2.5	PASS
Band4	1.4MHz	64QAM	20393	6RB#0	NV	-20	18.17	0.010357	±2.5	PASS
Band4	1.4MHz	64QAM	20393	6RB#0	NV	-10	14.72	0.008391	±2.5	PASS
Band4	1.4MHz	64QAM	20393	6RB#0	NV	0	10.84	0.006179	±2.5	PASS
Band4	1.4MHz	64QAM	20393	6RB#0	NV	10	17.68	0.010078	±2.5	PASS
Band4	1.4MHz	64QAM	20393	6RB#0	NV	20	12.85	0.007325	±2.5	PASS
Band4	1.4MHz	64QAM	20393	6RB#0	NV	30	12.32	0.007023	±2.5	PASS
Band4	1.4MHz	64QAM	20393	6RB#0	NV	40	12.90	0.007353	±2.5	PASS
Band4	1.4MHz	64QAM	20393	6RB#0	NV	50	4.31	0.002457	±2.5	PASS
Band4	3MHz	64QAM	19965	15RB#0	NV	-30	5.29	0.003091	±2.5	PASS
Band4	3MHz	64QAM	19965	15RB#0	NV	-20	8.58	0.005013	±2.5	PASS
Band4	3MHz	64QAM	19965	15RB#0	NV	-10	10.20	0.005960	±2.5	PASS
Band4	3MHz	64QAM	19965	15RB#0	NV	0	12.85	0.007508	±2.5	PASS
Band4	3MHz	64QAM	19965	15RB#0	NV	10	12.25	0.007157	±2.5	PASS
Band4	3MHz	64QAM	19965	15RB#0	NV	20	10.99	0.006421	±2.5	PASS
Band4	3MHz	64QAM	19965	15RB#0	NV	30	5.32	0.003108	±2.5	PASS
Band4	3MHz	64QAM	19965	15RB#0	NV	40	5.68	0.003319	±2.5	PASS
Band4	3MHz	64QAM	19965	15RB#0	NV	50	8.34	0.004873	±2.5	PASS
Band4	3MHz	64QAM	20175	15RB#0	NV	-30	13.78	0.007954	±2.5	PASS
Band4	3MHz	64QAM	20175	15RB#0	NV	-20	9.51	0.005489	±2.5	PASS
Band4	3MHz	64QAM	20175	15RB#0	NV	-10	9.94	0.005737	±2.5	PASS
Band4	3MHz	64QAM	20175	15RB#0	NV	0	12.00	0.006926	±2.5	PASS
Band4	3MHz	64QAM	20175	15RB#0	NV	10	13.53	0.007810	±2.5	PASS
Band4	3MHz	64QAM	20175	15RB#0	NV	20	7.65	0.004416	±2.5	PASS
Band4	3MHz	64QAM	20175	15RB#0	NV	30	6.41	0.003700	±2.5	PASS
Band4	3MHz	64QAM	20175	15RB#0	NV	40	8.75	0.005051	±2.5	PASS

Band4	3MHz	64QAM	20175	15RB#0	NV	50	7.01	0.004046	±2.5	PASS
Band4	3MHz	64QAM	20385	15RB#0	NV	-30	11.87	0.006769	±2.5	PASS
Band4	3MHz	64QAM	20385	15RB#0	NV	-20	11.74	0.006695	±2.5	PASS
Band4	3MHz	64QAM	20385	15RB#0	NV	-10	9.23	0.005264	±2.5	PASS
Band4	3MHz	64QAM	20385	15RB#0	NV	0	10.06	0.005737	±2.5	PASS
Band4	3MHz	64QAM	20385	15RB#0	NV	10	6.35	0.003621	±2.5	PASS
Band4	3MHz	64QAM	20385	15RB#0	NV	20	8.73	0.004979	±2.5	PASS
Band4	3MHz	64QAM	20385	15RB#0	NV	30	7.34	0.004186	±2.5	PASS
Band4	3MHz	64QAM	20385	15RB#0	NV	40	5.14	0.002931	±2.5	PASS
Band4	3MHz	64QAM	20385	15RB#0	NV	50	10.20	0.005817	±2.5	PASS
Band4	5MHz	64QAM	19975	25RB#0	NV	-30	-8.80	-0.005139	±2.5	PASS
Band4	5MHz	64QAM	19975	25RB#0	NV	-20	-7.40	-0.004321	±2.5	PASS
Band4	5MHz	64QAM	19975	25RB#0	NV	-10	-7.21	-0.004210	±2.5	PASS
Band4	5MHz	64QAM	19975	25RB#0	NV	0	-11.50	-0.006715	±2.5	PASS
Band4	5MHz	64QAM	19975	25RB#0	NV	10	-11.84	-0.006914	±2.5	PASS
Band4	5MHz	64QAM	19975	25RB#0	NV	20	-9.40	-0.005489	±2.5	PASS
Band4	5MHz	64QAM	19975	25RB#0	NV	30	-9.06	-0.005291	±2.5	PASS
Band4	5MHz	64QAM	19975	25RB#0	NV	40	-6.98	-0.004076	±2.5	PASS
Band4	5MHz	64QAM	19975	25RB#0	NV	50	-7.98	-0.004660	±2.5	PASS
Band4	5MHz	64QAM	20175	25RB#0	NV	-30	11.40	0.006580	±2.5	PASS
Band4	5MHz	64QAM	20175	25RB#0	NV	-20	7.21	0.004162	±2.5	PASS
Band4	5MHz	64QAM	20175	25RB#0	NV	-10	13.28	0.007665	±2.5	PASS
Band4	5MHz	64QAM	20175	25RB#0	NV	0	12.92	0.007457	±2.5	PASS
Band4	5MHz	64QAM	20175	25RB#0	NV	10	8.68	0.005010	±2.5	PASS
Band4	5MHz	64QAM	20175	25RB#0	NV	20	10.51	0.006066	±2.5	PASS
Band4	5MHz	64QAM	20175	25RB#0	NV	30	12.12	0.006996	±2.5	PASS
Band4	5MHz	64QAM	20175	25RB#0	NV	40	11.37	0.006563	±2.5	PASS
Band4	5MHz	64QAM	20175	25RB#0	NV	50	11.43	0.006597	±2.5	PASS
Band4	5MHz	64QAM	20375	25RB#0	NV	-30	8.15	0.004650	±2.5	PASS
Band4	5MHz	64QAM	20375	25RB#0	NV	-20	-9.06	-0.005170	±2.5	PASS
Band4	5MHz	64QAM	20375	25RB#0	NV	-10	4.48	0.002556	±2.5	PASS
Band4	5MHz	64QAM	20375	25RB#0	NV	0	7.22	0.004120	±2.5	PASS
Band4	5MHz	64QAM	20375	25RB#0	NV	10	5.06	0.002887	±2.5	PASS
Band4	5MHz	64QAM	20375	25RB#0	NV	20	3.56	0.002031	±2.5	PASS
Band4	5MHz	64QAM	20375	25RB#0	NV	30	5.38	0.003070	±2.5	PASS
Band4	5MHz	64QAM	20375	25RB#0	NV	40	7.60	0.004337	±2.5	PASS

Band4	5MHz	64QAM	20375	25RB#0	NV	50	3.92	0.002237	±2.5	PASS
Band4	10MHz	64QAM	20000	50RB#0	NV	-30	-7.38	-0.004303	±2.5	PASS
Band4	10MHz	64QAM	20000	50RB#0	NV	-20	3.69	0.002152	±2.5	PASS
Band4	10MHz	64QAM	20000	50RB#0	NV	-10	-3.76	-0.002192	±2.5	PASS
Band4	10MHz	64QAM	20000	50RB#0	NV	0	6.14	0.003580	±2.5	PASS
Band4	10MHz	64QAM	20000	50RB#0	NV	10	3.16	0.001843	±2.5	PASS
Band4	10MHz	64QAM	20000	50RB#0	NV	20	-6.58	-0.003837	±2.5	PASS
Band4	10MHz	64QAM	20000	50RB#0	NV	30	-3.58	-0.002087	±2.5	PASS
Band4	10MHz	64QAM	20000	50RB#0	NV	40	-7.95	-0.004636	±2.5	PASS
Band4	10MHz	64QAM	20000	50RB#0	NV	50	-7.34	-0.004280	±2.5	PASS
Band4	10MHz	64QAM	20175	50RB#0	NV	-30	12.52	0.007227	±2.5	PASS
Band4	10MHz	64QAM	20175	50RB#0	NV	-20	8.34	0.004814	±2.5	PASS
Band4	10MHz	64QAM	20175	50RB#0	NV	-10	9.77	0.005639	±2.5	PASS
Band4	10MHz	64QAM	20175	50RB#0	NV	0	5.95	0.003434	±2.5	PASS
Band4	10MHz	64QAM	20175	50RB#0	NV	10	9.60	0.005541	±2.5	PASS
Band4	10MHz	64QAM	20175	50RB#0	NV	20	10.29	0.005939	±2.5	PASS
Band4	10MHz	64QAM	20175	50RB#0	NV	30	9.96	0.005749	±2.5	PASS
Band4	10MHz	64QAM	20175	50RB#0	NV	40	6.18	0.003567	±2.5	PASS
Band4	10MHz	64QAM	20175	50RB#0	NV	50	12.25	0.007071	±2.5	PASS
Band4	10MHz	64QAM	20350	50RB#0	NV	-30	-7.34	-0.004194	±2.5	PASS
Band4	10MHz	64QAM	20350	50RB#0	NV	-20	-3.73	-0.002131	±2.5	PASS
Band4	10MHz	64QAM	20350	50RB#0	NV	-10	-6.69	-0.003823	±2.5	PASS
Band4	10MHz	64QAM	20350	50RB#0	NV	0	-5.72	-0.003269	±2.5	PASS
Band4	10MHz	64QAM	20350	50RB#0	NV	10	-5.25	-0.003000	±2.5	PASS
Band4	10MHz	64QAM	20350	50RB#0	NV	20	-4.32	-0.002469	±2.5	PASS
Band4	10MHz	64QAM	20350	50RB#0	NV	30	-5.58	-0.003189	±2.5	PASS
Band4	10MHz	64QAM	20350	50RB#0	NV	40	3.13	0.001789	±2.5	PASS
Band4	10MHz	64QAM	20350	50RB#0	NV	50	-7.55	-0.004314	±2.5	PASS
Band4	15MHz	64QAM	20025	75RB#0	NV	-30	7.27	0.004233	±2.5	PASS
Band4	15MHz	64QAM	20025	75RB#0	NV	-20	7.88	0.004588	±2.5	PASS
Band4	15MHz	64QAM	20025	75RB#0	NV	-10	8.87	0.005164	±2.5	PASS
Band4	15MHz	64QAM	20025	75RB#0	NV	0	4.11	0.002393	±2.5	PASS
Band4	15MHz	64QAM	20025	75RB#0	NV	10	8.33	0.004850	±2.5	PASS
Band4	15MHz	64QAM	20025	75RB#0	NV	20	7.58	0.004413	±2.5	PASS
Band4	15MHz	64QAM	20025	75RB#0	NV	30	5.97	0.003476	±2.5	PASS
Band4	15MHz	64QAM	20025	75RB#0	NV	40	8.41	0.004897	±2.5	PASS

Band4	15MHz	64QAM	20025	75RB#0	NV	50	7.81	0.004547	±2.5	PASS
Band4	15MHz	64QAM	20175	75RB#0	NV	-30	6.65	0.003838	±2.5	PASS
Band4	15MHz	64QAM	20175	75RB#0	NV	-20	8.93	0.005154	±2.5	PASS
Band4	15MHz	64QAM	20175	75RB#0	NV	-10	7.27	0.004196	±2.5	PASS
Band4	15MHz	64QAM	20175	75RB#0	NV	0	5.68	0.003278	±2.5	PASS
Band4	15MHz	64QAM	20175	75RB#0	NV	10	6.42	0.003706	±2.5	PASS
Band4	15MHz	64QAM	20175	75RB#0	NV	20	3.96	0.002286	±2.5	PASS
Band4	15MHz	64QAM	20175	75RB#0	NV	30	14.25	0.008225	±2.5	PASS
Band4	15MHz	64QAM	20175	75RB#0	NV	40	-3.46	-0.001997	±2.5	PASS
Band4	15MHz	64QAM	20175	75RB#0	NV	50	8.34	0.004814	±2.5	PASS
Band4	15MHz	64QAM	20325	75RB#0	NV	-30	12.96	0.007416	±2.5	PASS
Band4	15MHz	64QAM	20325	75RB#0	NV	-20	8.25	0.004721	±2.5	PASS
Band4	15MHz	64QAM	20325	75RB#0	NV	-10	8.11	0.004641	±2.5	PASS
Band4	15MHz	64QAM	20325	75RB#0	NV	0	8.27	0.004732	±2.5	PASS
Band4	15MHz	64QAM	20325	75RB#0	NV	10	4.29	0.002455	±2.5	PASS
Band4	15MHz	64QAM	20325	75RB#0	NV	20	9.38	0.005368	±2.5	PASS
Band4	15MHz	64QAM	20325	75RB#0	NV	30	13.25	0.007582	±2.5	PASS
Band4	15MHz	64QAM	20325	75RB#0	NV	40	8.11	0.004641	±2.5	PASS
Band4	15MHz	64QAM	20325	75RB#0	NV	50	9.31	0.005328	±2.5	PASS
Band4	20MHz	64QAM	20050	100RB#0	NV	-30	-6.09	-0.003541	±2.5	PASS
Band4	20MHz	64QAM	20050	100RB#0	NV	-20	-5.78	-0.003360	±2.5	PASS
Band4	20MHz	64QAM	20050	100RB#0	NV	-10	-9.87	-0.005738	±2.5	PASS
Band4	20MHz	64QAM	20050	100RB#0	NV	0	-11.29	-0.006564	±2.5	PASS
Band4	20MHz	64QAM	20050	100RB#0	NV	10	-8.28	-0.004814	±2.5	PASS
Band4	20MHz	64QAM	20050	100RB#0	NV	20	-5.31	-0.003087	±2.5	PASS
Band4	20MHz	64QAM	20050	100RB#0	NV	30	-10.50	-0.006105	±2.5	PASS
Band4	20MHz	64QAM	20050	100RB#0	NV	40	-12.25	-0.007122	±2.5	PASS
Band4	20MHz	64QAM	20050	100RB#0	NV	50	-6.92	-0.004023	±2.5	PASS
Band4	20MHz	64QAM	20175	100RB#0	NV	-30	10.97	0.006332	±2.5	PASS
Band4	20MHz	64QAM	20175	100RB#0	NV	-20	8.98	0.005183	±2.5	PASS
Band4	20MHz	64QAM	20175	100RB#0	NV	-10	7.65	0.004416	±2.5	PASS
Band4	20MHz	64QAM	20175	100RB#0	NV	0	9.41	0.005431	±2.5	PASS
Band4	20MHz	64QAM	20175	100RB#0	NV	10	10.46	0.006038	±2.5	PASS
Band4	20MHz	64QAM	20175	100RB#0	NV	20	7.58	0.004375	±2.5	PASS
Band4	20MHz	64QAM	20175	100RB#0	NV	30	12.62	0.007284	±2.5	PASS
Band4	20MHz	64QAM	20175	100RB#0	NV	40	9.20	0.005310	±2.5	PASS

Band4	20MHz	64QAM	20175	100RB#0	NV	50	6.81	0.003931	±2.5	PASS
Band4	20MHz	64QAM	20300	100RB#0	NV	-30	-4.89	-0.002802	±2.5	PASS
Band4	20MHz	64QAM	20300	100RB#0	NV	-20	-7.70	-0.004413	±2.5	PASS
Band4	20MHz	64QAM	20300	100RB#0	NV	-10	6.61	0.003788	±2.5	PASS
Band4	20MHz	64QAM	20300	100RB#0	NV	0	4.19	0.002401	±2.5	PASS
Band4	20MHz	64QAM	20300	100RB#0	NV	10	7.42	0.004252	±2.5	PASS
Band4	20MHz	64QAM	20300	100RB#0	NV	20	-4.29	-0.002458	±2.5	PASS
Band4	20MHz	64QAM	20300	100RB#0	NV	30	5.87	0.003364	±2.5	PASS
Band4	20MHz	64QAM	20300	100RB#0	NV	40	-5.81	-0.003330	±2.5	PASS
Band4	20MHz	64QAM	20300	100RB#0	NV	50	-3.65	-0.002092	±2.5	PASS

\*\*\* The End \*\*\*

# LTE Band 4 Test Data

**Product Name** : Tablet  
**Model Number** : xTablet T1190  
**FCC ID** : O86T1190

Applicant:	MobileDemand, L.C. 1501 Boyson Sq Dr, Ste 101 Hiawatha, Iowa, 52233, United States
Manufacturer:	MobileDemand, L.C. No.88 East Qianjin Road, Kunshan city, Jiangsu province, China
Product Description:	Tablet
Trademark:	MobileDemand
Model Number:	xTablet T1190



## Appendix A: RF POWER OUTPUT

### Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band4	1.4MHz	QPSK	19957	1RB#0	22.02	PASS
Band4	1.4MHz	QPSK	19957	1RB#2	22.08	PASS
Band4	1.4MHz	QPSK	19957	1RB#5	22.05	PASS
Band4	1.4MHz	QPSK	19957	3RB#0	22.10	PASS
Band4	1.4MHz	QPSK	19957	3RB#1	22.06	PASS
Band4	1.4MHz	QPSK	19957	3RB#3	22.02	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	21.07	PASS
Band4	1.4MHz	QPSK	20175	1RB#0	22.20	PASS
Band4	1.4MHz	QPSK	20175	1RB#2	22.24	PASS
Band4	1.4MHz	QPSK	20175	1RB#5	22.11	PASS
Band4	1.4MHz	QPSK	20175	3RB#0	22.16	PASS
Band4	1.4MHz	QPSK	20175	3RB#1	22.19	PASS
Band4	1.4MHz	QPSK	20175	3RB#3	22.11	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	21.19	PASS
Band4	1.4MHz	QPSK	20393	1RB#0	22.18	PASS
Band4	1.4MHz	QPSK	20393	1RB#2	22.23	PASS
Band4	1.4MHz	QPSK	20393	1RB#5	22.14	PASS
Band4	1.4MHz	QPSK	20393	3RB#0	22.20	PASS
Band4	1.4MHz	QPSK	20393	3RB#1	22.16	PASS
Band4	1.4MHz	QPSK	20393	3RB#3	22.16	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	21.20	PASS
Band4	1.4MHz	16QAM	19957	1RB#0	20.96	PASS
Band4	1.4MHz	16QAM	19957	1RB#2	21.03	PASS
Band4	1.4MHz	16QAM	19957	1RB#5	20.97	PASS
Band4	1.4MHz	16QAM	19957	3RB#0	20.87	PASS
Band4	1.4MHz	16QAM	19957	3RB#1	20.86	PASS
Band4	1.4MHz	16QAM	19957	3RB#3	20.83	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	20.05	PASS
Band4	1.4MHz	16QAM	20175	1RB#0	21.09	PASS
Band4	1.4MHz	16QAM	20175	1RB#2	21.14	PASS
Band4	1.4MHz	16QAM	20175	1RB#5	21.06	PASS
Band4	1.4MHz	16QAM	20175	3RB#0	20.98	PASS

Band4	1.4MHz	16QAM	20175	3RB#1	20.98	PASS
Band4	1.4MHz	16QAM	20175	3RB#3	20.96	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	20.12	PASS
Band4	1.4MHz	16QAM	20393	1RB#0	21.12	PASS
Band4	1.4MHz	16QAM	20393	1RB#2	21.24	PASS
Band4	1.4MHz	16QAM	20393	1RB#5	21.09	PASS
Band4	1.4MHz	16QAM	20393	3RB#0	21.00	PASS
Band4	1.4MHz	16QAM	20393	3RB#1	21.04	PASS
Band4	1.4MHz	16QAM	20393	3RB#3	20.96	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	20.20	PASS
Band4	3MHz	QPSK	19965	1RB#0	22.13	PASS
Band4	3MHz	QPSK	19965	1RB#8	22.10	PASS
Band4	3MHz	QPSK	19965	1RB#14	22.06	PASS
Band4	3MHz	QPSK	19965	8RB#0	21.09	PASS
Band4	3MHz	QPSK	19965	8RB#4	21.12	PASS
Band4	3MHz	QPSK	19965	8RB#7	21.08	PASS
Band4	3MHz	QPSK	19965	15RB#0	21.05	PASS
Band4	3MHz	QPSK	20175	1RB#0	22.21	PASS
Band4	3MHz	QPSK	20175	1RB#8	22.25	PASS
Band4	3MHz	QPSK	20175	1RB#14	22.19	PASS
Band4	3MHz	QPSK	20175	8RB#0	21.24	PASS
Band4	3MHz	QPSK	20175	8RB#4	21.21	PASS
Band4	3MHz	QPSK	20175	8RB#7	21.21	PASS
Band4	3MHz	QPSK	20175	15RB#0	21.25	PASS
Band4	3MHz	QPSK	20385	1RB#0	22.28	PASS
Band4	3MHz	QPSK	20385	1RB#8	22.28	PASS
Band4	3MHz	QPSK	20385	1RB#14	22.29	PASS
Band4	3MHz	QPSK	20385	8RB#0	21.19	PASS
Band4	3MHz	QPSK	20385	8RB#4	21.21	PASS
Band4	3MHz	QPSK	20385	8RB#7	21.24	PASS
Band4	3MHz	QPSK	20385	15RB#0	21.24	PASS
Band4	3MHz	16QAM	19965	1RB#0	21.10	PASS
Band4	3MHz	16QAM	19965	1RB#8	21.10	PASS
Band4	3MHz	16QAM	19965	1RB#14	21.08	PASS
Band4	3MHz	16QAM	19965	8RB#0	20.12	PASS
Band4	3MHz	16QAM	19965	8RB#4	20.12	PASS
Band4	3MHz	16QAM	19965	8RB#7	20.10	PASS

Band4	3MHz	16QAM	19965	15RB#0	20.11	PASS
Band4	3MHz	16QAM	20175	1RB#0	21.22	PASS
Band4	3MHz	16QAM	20175	1RB#8	21.20	PASS
Band4	3MHz	16QAM	20175	1RB#14	21.20	PASS
Band4	3MHz	16QAM	20175	8RB#0	20.23	PASS
Band4	3MHz	16QAM	20175	8RB#4	20.22	PASS
Band4	3MHz	16QAM	20175	8RB#7	20.19	PASS
Band4	3MHz	16QAM	20175	15RB#0	20.20	PASS
Band4	3MHz	16QAM	20385	1RB#0	21.12	PASS
Band4	3MHz	16QAM	20385	1RB#8	21.10	PASS
Band4	3MHz	16QAM	20385	1RB#14	21.11	PASS
Band4	3MHz	16QAM	20385	8RB#0	20.20	PASS
Band4	3MHz	16QAM	20385	8RB#4	20.21	PASS
Band4	3MHz	16QAM	20385	8RB#7	20.21	PASS
Band4	3MHz	16QAM	20385	15RB#0	20.16	PASS
Band4	5MHz	QPSK	19975	1RB#0	22.21	PASS
Band4	5MHz	QPSK	19975	1RB#12	22.24	PASS
Band4	5MHz	QPSK	19975	1RB#24	22.21	PASS
Band4	5MHz	QPSK	19975	12RB#0	21.12	PASS
Band4	5MHz	QPSK	19975	12RB#6	21.07	PASS
Band4	5MHz	QPSK	19975	12RB#13	21.10	PASS
Band4	5MHz	QPSK	19975	25RB#0	21.09	PASS
Band4	5MHz	QPSK	20175	1RB#0	22.35	PASS
Band4	5MHz	QPSK	20175	1RB#12	22.36	PASS
Band4	5MHz	QPSK	20175	1RB#24	22.30	PASS
Band4	5MHz	QPSK	20175	12RB#0	21.24	PASS
Band4	5MHz	QPSK	20175	12RB#6	21.24	PASS
Band4	5MHz	QPSK	20175	12RB#13	21.20	PASS
Band4	5MHz	QPSK	20175	25RB#0	21.23	PASS
Band4	5MHz	QPSK	20375	1RB#0	22.24	PASS
Band4	5MHz	QPSK	20375	1RB#12	22.31	PASS
Band4	5MHz	QPSK	20375	1RB#24	22.27	PASS
Band4	5MHz	QPSK	20375	12RB#0	21.23	PASS
Band4	5MHz	QPSK	20375	12RB#6	21.28	PASS
Band4	5MHz	QPSK	20375	12RB#13	21.22	PASS
Band4	5MHz	QPSK	20375	25RB#0	21.23	PASS
Band4	5MHz	16QAM	19975	1RB#0	21.11	PASS

Band4	5MHz	16QAM	19975	1RB#12	21.17	PASS
Band4	5MHz	16QAM	19975	1RB#24	21.08	PASS
Band4	5MHz	16QAM	19975	12RB#0	20.10	PASS
Band4	5MHz	16QAM	19975	12RB#6	20.10	PASS
Band4	5MHz	16QAM	19975	12RB#13	20.08	PASS
Band4	5MHz	16QAM	19975	25RB#0	20.09	PASS
Band4	5MHz	16QAM	20175	1RB#0	21.28	PASS
Band4	5MHz	16QAM	20175	1RB#12	21.29	PASS
Band4	5MHz	16QAM	20175	1RB#24	21.19	PASS
Band4	5MHz	16QAM	20175	12RB#0	20.18	PASS
Band4	5MHz	16QAM	20175	12RB#6	20.20	PASS
Band4	5MHz	16QAM	20175	12RB#13	20.17	PASS
Band4	5MHz	16QAM	20175	25RB#0	20.21	PASS
Band4	5MHz	16QAM	20375	1RB#0	21.33	PASS
Band4	5MHz	16QAM	20375	1RB#12	21.39	PASS
Band4	5MHz	16QAM	20375	1RB#24	21.35	PASS
Band4	5MHz	16QAM	20375	12RB#0	20.27	PASS
Band4	5MHz	16QAM	20375	12RB#6	20.22	PASS
Band4	5MHz	16QAM	20375	12RB#13	20.25	PASS
Band4	5MHz	16QAM	20375	25RB#0	20.21	PASS
Band4	10MHz	QPSK	20000	1RB#0	22.11	PASS
Band4	10MHz	QPSK	20000	1RB#24	22.09	PASS
Band4	10MHz	QPSK	20000	1RB#49	22.23	PASS
Band4	10MHz	QPSK	20000	25RB#0	21.13	PASS
Band4	10MHz	QPSK	20000	25RB#12	21.12	PASS
Band4	10MHz	QPSK	20000	25RB#25	21.12	PASS
Band4	10MHz	QPSK	20000	50RB#0	21.11	PASS
Band4	10MHz	QPSK	20175	1RB#0	22.36	PASS
Band4	10MHz	QPSK	20175	1RB#24	22.17	PASS
Band4	10MHz	QPSK	20175	1RB#49	22.19	PASS
Band4	10MHz	QPSK	20175	25RB#0	21.23	PASS
Band4	10MHz	QPSK	20175	25RB#12	21.24	PASS
Band4	10MHz	QPSK	20175	25RB#25	21.22	PASS
Band4	10MHz	QPSK	20175	50RB#0	21.25	PASS
Band4	10MHz	QPSK	20350	1RB#0	22.27	PASS
Band4	10MHz	QPSK	20350	1RB#24	22.23	PASS
Band4	10MHz	QPSK	20350	1RB#49	22.28	PASS

Band4	10MHz	QPSK	20350	25RB#0	21.25	PASS
Band4	10MHz	QPSK	20350	25RB#12	21.27	PASS
Band4	10MHz	QPSK	20350	25RB#25	21.23	PASS
Band4	10MHz	QPSK	20350	50RB#0	21.22	PASS
Band4	10MHz	16QAM	20000	1RB#0	21.13	PASS
Band4	10MHz	16QAM	20000	1RB#24	21.05	PASS
Band4	10MHz	16QAM	20000	1RB#49	21.17	PASS
Band4	10MHz	16QAM	20000	25RB#0	20.12	PASS
Band4	10MHz	16QAM	20000	25RB#12	20.06	PASS
Band4	10MHz	16QAM	20000	25RB#25	20.07	PASS
Band4	10MHz	16QAM	20000	50RB#0	20.09	PASS
Band4	10MHz	16QAM	20175	1RB#0	21.39	PASS
Band4	10MHz	16QAM	20175	1RB#24	21.20	PASS
Band4	10MHz	16QAM	20175	1RB#49	21.21	PASS
Band4	10MHz	16QAM	20175	25RB#0	20.26	PASS
Band4	10MHz	16QAM	20175	25RB#12	20.25	PASS
Band4	10MHz	16QAM	20175	25RB#25	20.19	PASS
Band4	10MHz	16QAM	20175	50RB#0	20.26	PASS
Band4	10MHz	16QAM	20350	1RB#0	21.11	PASS
Band4	10MHz	16QAM	20350	1RB#24	21.11	PASS
Band4	10MHz	16QAM	20350	1RB#49	21.08	PASS
Band4	10MHz	16QAM	20350	25RB#0	20.30	PASS
Band4	10MHz	16QAM	20350	25RB#12	20.24	PASS
Band4	10MHz	16QAM	20350	25RB#25	20.26	PASS
Band4	10MHz	16QAM	20350	50RB#0	20.24	PASS
Band4	15MHz	QPSK	20025	1RB#0	22.08	PASS
Band4	15MHz	QPSK	20025	1RB#38	21.98	PASS
Band4	15MHz	QPSK	20025	1RB#74	22.17	PASS
Band4	15MHz	QPSK	20025	38RB#0	21.07	PASS
Band4	15MHz	QPSK	20025	38RB#18	20.93	PASS
Band4	15MHz	QPSK	20025	38RB#37	21.18	PASS
Band4	15MHz	QPSK	20025	75RB#0	21.01	PASS
Band4	15MHz	QPSK	20175	1RB#0	22.42	PASS
Band4	15MHz	QPSK	20175	1RB#38	22.23	PASS
Band4	15MHz	QPSK	20175	1RB#74	22.24	PASS
Band4	15MHz	QPSK	20175	38RB#0	21.42	PASS
Band4	15MHz	QPSK	20175	38RB#18	21.20	PASS

Band4	15MHz	QPSK	20175	38RB#37	21.22	PASS
Band4	15MHz	QPSK	20175	75RB#0	21.22	PASS
Band4	15MHz	QPSK	20325	1RB#0	22.17	PASS
Band4	15MHz	QPSK	20325	1RB#38	22.12	PASS
Band4	15MHz	QPSK	20325	1RB#74	22.16	PASS
Band4	15MHz	QPSK	20325	38RB#0	21.31	PASS
Band4	15MHz	QPSK	20325	38RB#18	21.25	PASS
Band4	15MHz	QPSK	20325	38RB#37	21.35	PASS
Band4	15MHz	QPSK	20325	75RB#0	21.22	PASS
Band4	15MHz	16QAM	20025	1RB#0	21.06	PASS
Band4	15MHz	16QAM	20025	1RB#38	20.90	PASS
Band4	15MHz	16QAM	20025	1RB#74	21.20	PASS
Band4	15MHz	16QAM	20025	38RB#0	21.10	PASS
Band4	15MHz	16QAM	20025	38RB#18	20.88	PASS
Band4	15MHz	16QAM	20025	38RB#37	21.15	PASS
Band4	15MHz	16QAM	20025	75RB#0	19.96	PASS
Band4	15MHz	16QAM	20175	1RB#0	21.45	PASS
Band4	15MHz	16QAM	20175	1RB#38	21.23	PASS
Band4	15MHz	16QAM	20175	1RB#74	21.26	PASS
Band4	15MHz	16QAM	20175	38RB#0	21.39	PASS
Band4	15MHz	16QAM	20175	38RB#18	21.23	PASS
Band4	15MHz	16QAM	20175	38RB#37	21.24	PASS
Band4	15MHz	16QAM	20175	75RB#0	20.20	PASS
Band4	15MHz	16QAM	20325	1RB#0	21.35	PASS
Band4	15MHz	16QAM	20325	1RB#38	21.26	PASS
Band4	15MHz	16QAM	20325	1RB#74	21.37	PASS
Band4	15MHz	16QAM	20325	38RB#0	21.32	PASS
Band4	15MHz	16QAM	20325	38RB#18	21.27	PASS
Band4	15MHz	16QAM	20325	38RB#37	21.38	PASS
Band4	15MHz	16QAM	20325	75RB#0	20.27	PASS
Band4	20MHz	QPSK	20050	1RB#0	22.24	PASS
Band4	20MHz	QPSK	20050	1RB#49	22.18	PASS
Band4	20MHz	QPSK	20050	1RB#99	22.30	PASS
Band4	20MHz	QPSK	20050	50RB#0	21.09	PASS
Band4	20MHz	QPSK	20050	50RB#25	21.15	PASS
Band4	20MHz	QPSK	20050	50RB#50	21.17	PASS
Band4	20MHz	QPSK	20050	100RB#0	21.24	PASS

Band4	20MHz	QPSK	20175	1RB#0	22.44	PASS
Band4	20MHz	QPSK	20175	1RB#49	22.22	PASS
Band4	20MHz	QPSK	20175	1RB#99	22.27	PASS
Band4	20MHz	QPSK	20175	50RB#0	21.36	PASS
Band4	20MHz	QPSK	20175	50RB#25	21.35	PASS
Band4	20MHz	QPSK	20175	50RB#50	21.19	PASS
Band4	20MHz	QPSK	20175	100RB#0	21.25	PASS
Band4	20MHz	QPSK	20300	1RB#0	22.28	PASS
Band4	20MHz	QPSK	20300	1RB#49	22.16	PASS
Band4	20MHz	QPSK	20300	1RB#99	22.31	PASS
Band4	20MHz	QPSK	20300	50RB#0	21.17	PASS
Band4	20MHz	QPSK	20300	50RB#25	21.15	PASS
Band4	20MHz	QPSK	20300	50RB#50	21.23	PASS
Band4	20MHz	QPSK	20300	100RB#0	21.27	PASS
Band4	20MHz	16QAM	20050	1RB#0	21.13	PASS
Band4	20MHz	16QAM	20050	1RB#49	21.09	PASS
Band4	20MHz	16QAM	20050	1RB#99	21.22	PASS
Band4	20MHz	16QAM	20050	50RB#0	20.11	PASS
Band4	20MHz	16QAM	20050	50RB#25	20.09	PASS
Band4	20MHz	16QAM	20050	50RB#50	20.19	PASS
Band4	20MHz	16QAM	20050	100RB#0	20.16	PASS
Band4	20MHz	16QAM	20175	1RB#0	21.33	PASS
Band4	20MHz	16QAM	20175	1RB#49	21.13	PASS
Band4	20MHz	16QAM	20175	1RB#99	21.15	PASS
Band4	20MHz	16QAM	20175	50RB#0	20.31	PASS
Band4	20MHz	16QAM	20175	50RB#25	20.34	PASS
Band4	20MHz	16QAM	20175	50RB#50	20.18	PASS
Band4	20MHz	16QAM	20175	100RB#0	20.21	PASS
Band4	20MHz	16QAM	20300	1RB#0	21.43	PASS
Band4	20MHz	16QAM	20300	1RB#49	21.29	PASS
Band4	20MHz	16QAM	20300	1RB#99	21.43	PASS
Band4	20MHz	16QAM	20300	50RB#0	20.18	PASS
Band4	20MHz	16QAM	20300	50RB#25	20.17	PASS
Band4	20MHz	16QAM	20300	50RB#50	20.20	PASS
Band4	20MHz	16QAM	20300	100RB#0	20.25	PASS

## Appendix B: Peak-to-Average Ratio(CCDF)

### Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band4	1.4MHz	QPSK	19957	1RB#0	4.78	13	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	5.42	13	PASS
Band4	1.4MHz	QPSK	20175	1RB#0	4.68	13	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	5.36	13	PASS
Band4	1.4MHz	QPSK	20393	1RB#0	4.82	13	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	5.53	13	PASS
Band4	1.4MHz	16QAM	19957	1RB#0	5.85	13	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	6.25	13	PASS
Band4	1.4MHz	16QAM	20175	1RB#0	5.73	13	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	6.20	13	PASS
Band4	1.4MHz	16QAM	20393	1RB#0	5.86	13	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	6.35	13	PASS
Band4	3MHz	QPSK	19965	1RB#0	4.59	13	PASS
Band4	3MHz	QPSK	19965	15RB#0	5.32	13	PASS
Band4	3MHz	QPSK	20175	1RB#0	4.52	13	PASS
Band4	3MHz	QPSK	20175	15RB#0	5.24	13	PASS
Band4	3MHz	QPSK	20385	1RB#0	4.63	13	PASS
Band4	3MHz	QPSK	20385	15RB#0	5.38	13	PASS
Band4	3MHz	16QAM	19965	1RB#0	5.51	13	PASS
Band4	3MHz	16QAM	19965	15RB#0	6.20	13	PASS
Band4	3MHz	16QAM	20175	1RB#0	5.42	13	PASS
Band4	3MHz	16QAM	20175	15RB#0	6.12	13	PASS
Band4	3MHz	16QAM	20385	1RB#0	5.72	13	PASS
Band4	3MHz	16QAM	20385	15RB#0	6.22	13	PASS
Band4	5MHz	QPSK	19975	1RB#0	4.57	13	PASS
Band4	5MHz	QPSK	19975	25RB#0	5.38	13	PASS
Band4	5MHz	QPSK	20175	1RB#0	4.51	13	PASS
Band4	5MHz	QPSK	20175	25RB#0	5.31	13	PASS
Band4	5MHz	QPSK	20375	1RB#0	4.60	13	PASS
Band4	5MHz	QPSK	20375	25RB#0	5.41	13	PASS



Band4	5MHz	16QAM	19975	1RB#0	5.50	13	PASS
Band4	5MHz	16QAM	19975	25RB#0	6.15	13	PASS
Band4	5MHz	16QAM	20175	1RB#0	5.43	13	PASS
Band4	5MHz	16QAM	20175	25RB#0	6.09	13	PASS
Band4	5MHz	16QAM	20375	1RB#0	5.44	13	PASS
Band4	5MHz	16QAM	20375	25RB#0	6.12	13	PASS
Band4	10MHz	QPSK	20000	1RB#0	5.04	13	PASS
Band4	10MHz	QPSK	20000	50RB#0	4.62	13	PASS
Band4	10MHz	QPSK	20175	1RB#0	4.88	13	PASS
Band4	10MHz	QPSK	20175	50RB#0	4.63	13	PASS
Band4	10MHz	QPSK	20350	1RB#0	4.88	13	PASS
Band4	10MHz	QPSK	20350	50RB#0	4.59	13	PASS
Band4	10MHz	16QAM	20000	1RB#0	5.98	13	PASS
Band4	10MHz	16QAM	20000	50RB#0	6.14	13	PASS
Band4	10MHz	16QAM	20175	1RB#0	5.87	13	PASS
Band4	10MHz	16QAM	20175	50RB#0	6.08	13	PASS
Band4	10MHz	16QAM	20350	1RB#0	5.79	13	PASS
Band4	10MHz	16QAM	20350	50RB#0	6.11	13	PASS
Band4	15MHz	QPSK	20025	1RB#0	8.04	13	PASS
Band4	15MHz	QPSK	20025	75RB#0	5.72	13	PASS
Band4	15MHz	QPSK	20175	1RB#0	7.97	13	PASS
Band4	15MHz	QPSK	20175	75RB#0	5.75	13	PASS
Band4	15MHz	QPSK	20325	1RB#0	7.87	13	PASS
Band4	15MHz	QPSK	20325	75RB#0	5.78	13	PASS
Band4	15MHz	16QAM	20025	1RB#0	7.81	13	PASS
Band4	15MHz	16QAM	20025	75RB#0	6.76	13	PASS
Band4	15MHz	16QAM	20175	1RB#0	7.88	13	PASS
Band4	15MHz	16QAM	20175	75RB#0	6.77	13	PASS
Band4	15MHz	16QAM	20325	1RB#0	7.82	13	PASS
Band4	15MHz	16QAM	20325	75RB#0	6.89	13	PASS
Band4	20MHz	QPSK	20050	1RB#0	7.97	13	PASS
Band4	20MHz	QPSK	20050	100RB#0	6.44	13	PASS
Band4	20MHz	QPSK	20175	1RB#0	8.11	13	PASS
Band4	20MHz	QPSK	20175	100RB#0	6.44	13	PASS
Band4	20MHz	QPSK	20300	1RB#0	7.93	13	PASS
Band4	20MHz	QPSK	20300	100RB#0	6.44	13	PASS
Band4	20MHz	16QAM	20050	1RB#0	7.62	13	PASS

Band4	20MHz	16QAM	20050	100RB#0	7.18	13	PASS
Band4	20MHz	16QAM	20175	1RB#0	8.02	13	PASS
Band4	20MHz	16QAM	20175	100RB#0	7.18	13	PASS
Band4	20MHz	16QAM	20300	1RB#0	7.75	13	PASS
Band4	20MHz	16QAM	20300	100RB#0	7.15	13	PASS

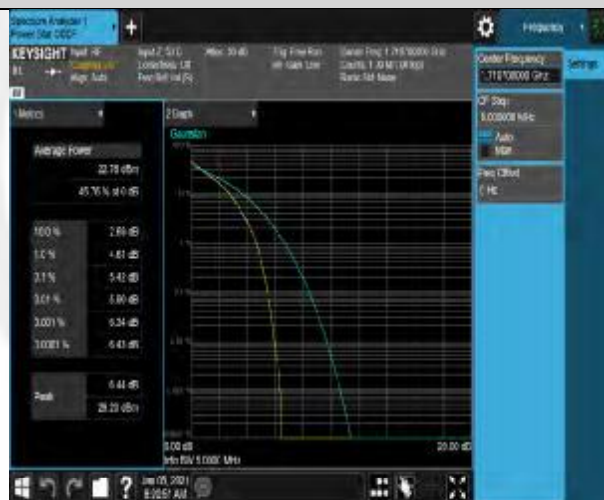


**Test Graphs**

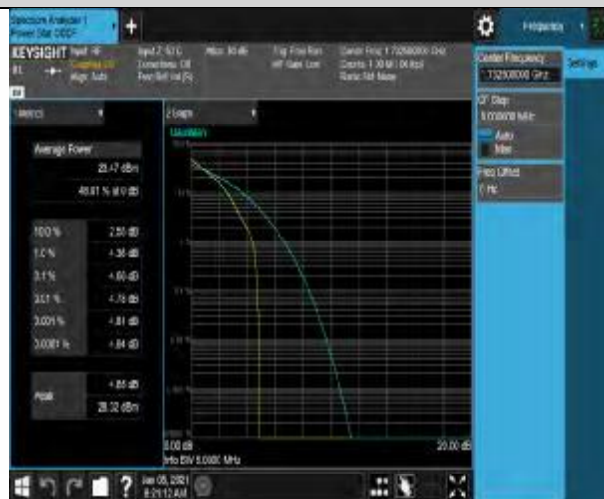
**Band4-1.4MHz-QPSK-19957-1RB#0**



**Band4-1.4MHz-QPSK-19957-6RB#0**



**Band4-1.4MHz-QPSK-20175-1RB#0**



Band4-1.4MHz-QPSK-20175-6RB#0



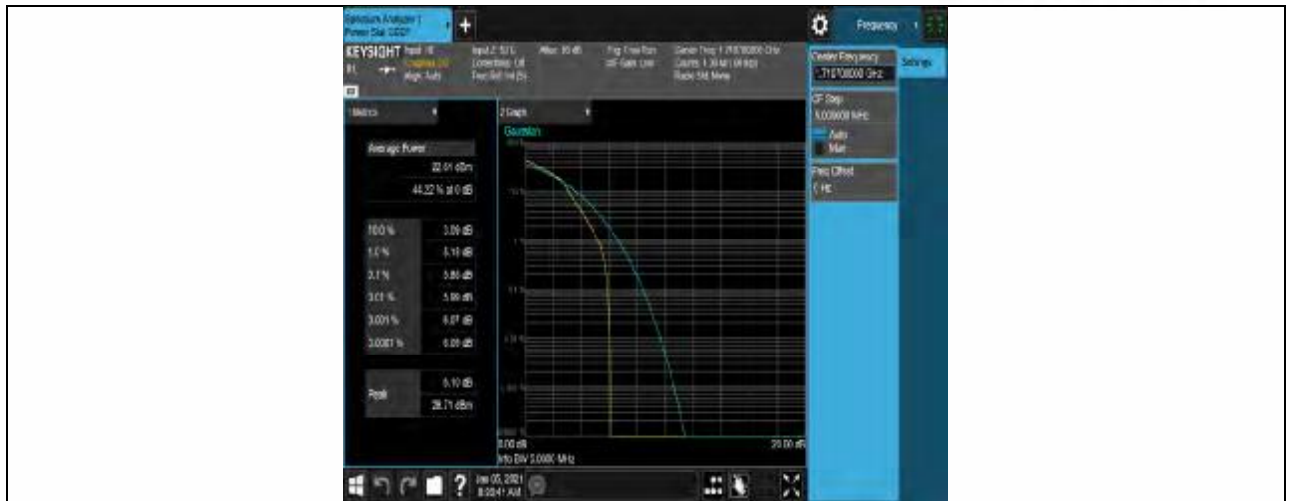
Band4-1.4MHz-QPSK-20393-1RB#0



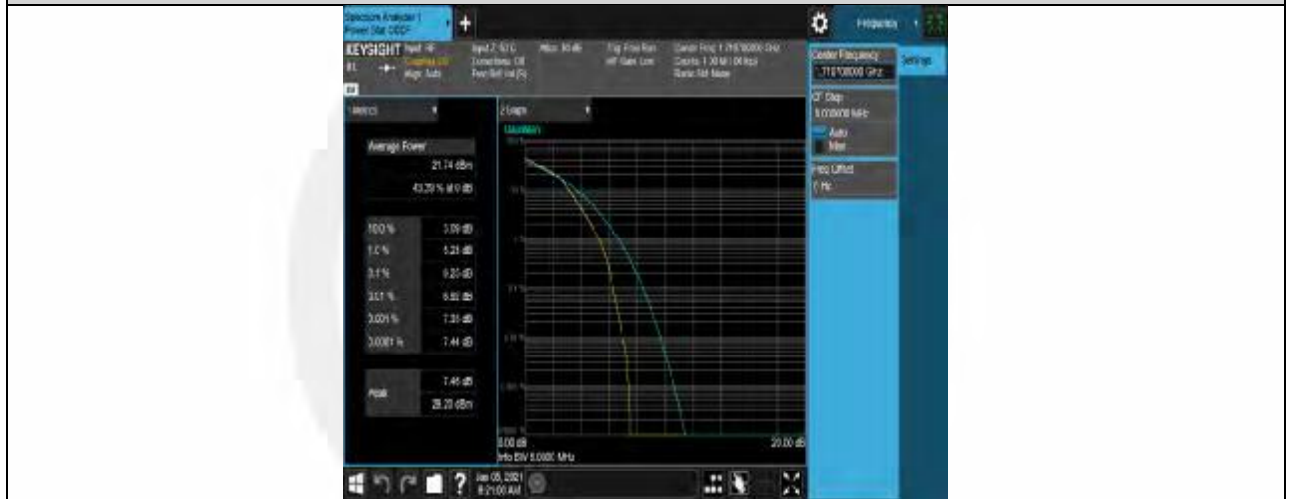
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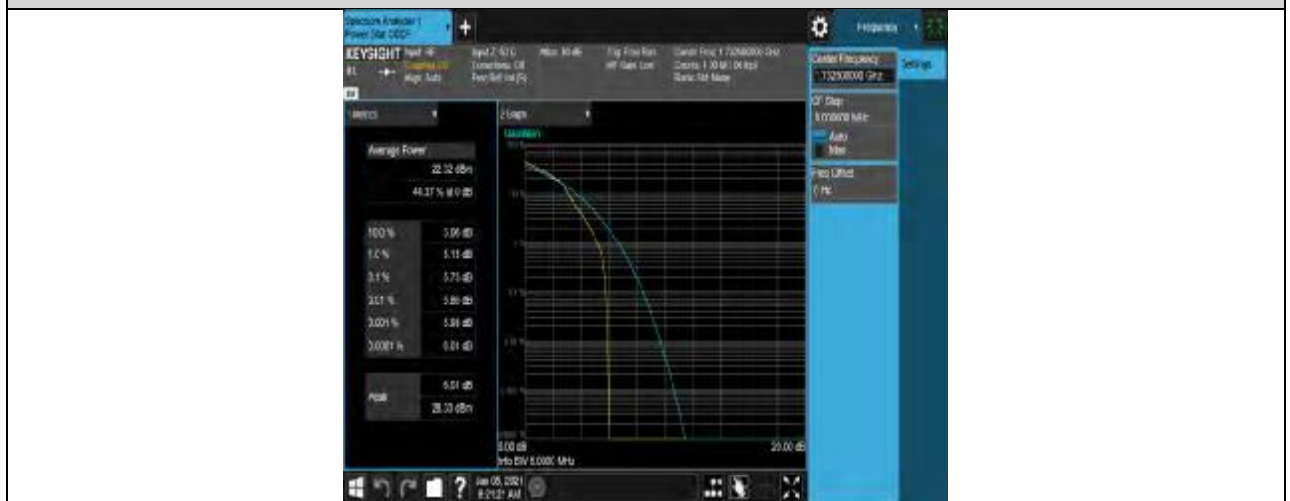
Band4-1.4MHz-16QAM-19957-1RB#0



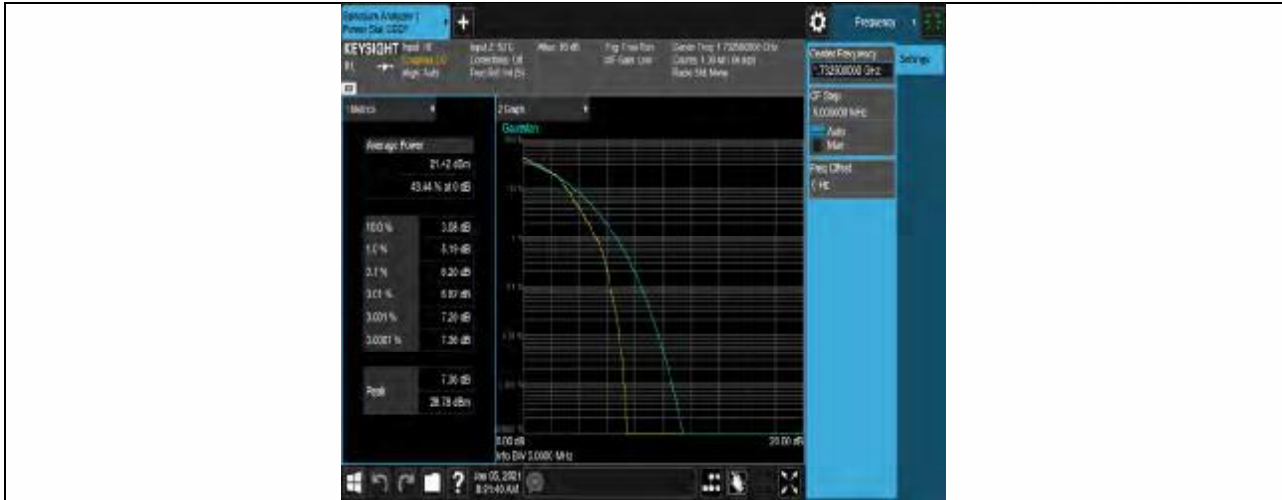
Band4-1.4MHz-16QAM-19957-6RB#0



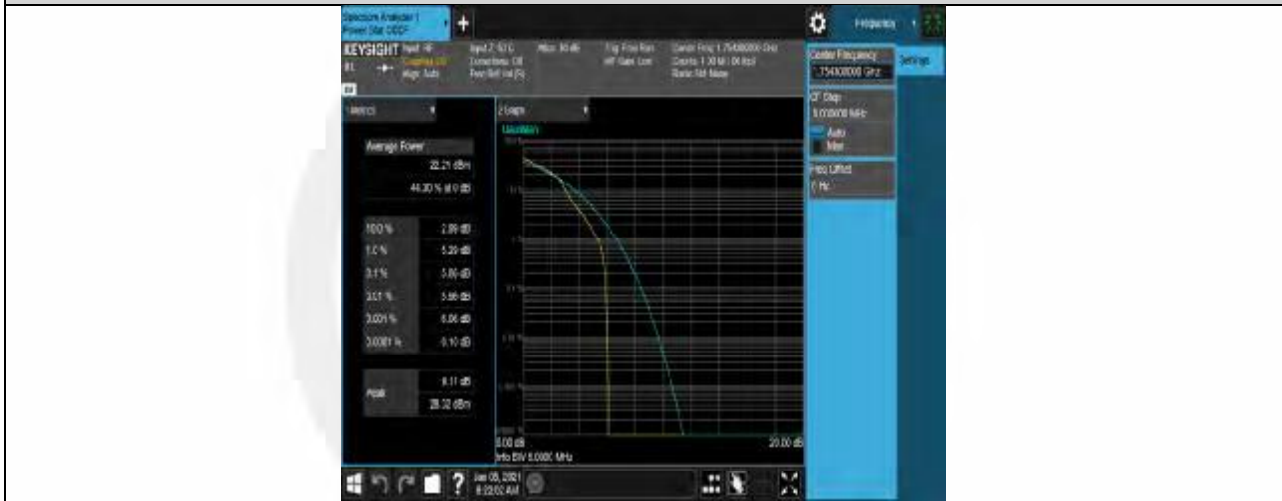
Band4-1.4MHz-16QAM-20175-1RB#0



Band4-1.4MHz-16QAM-20175-6RB#0



Band4-1.4MHz-16QAM-20393-1RB#0



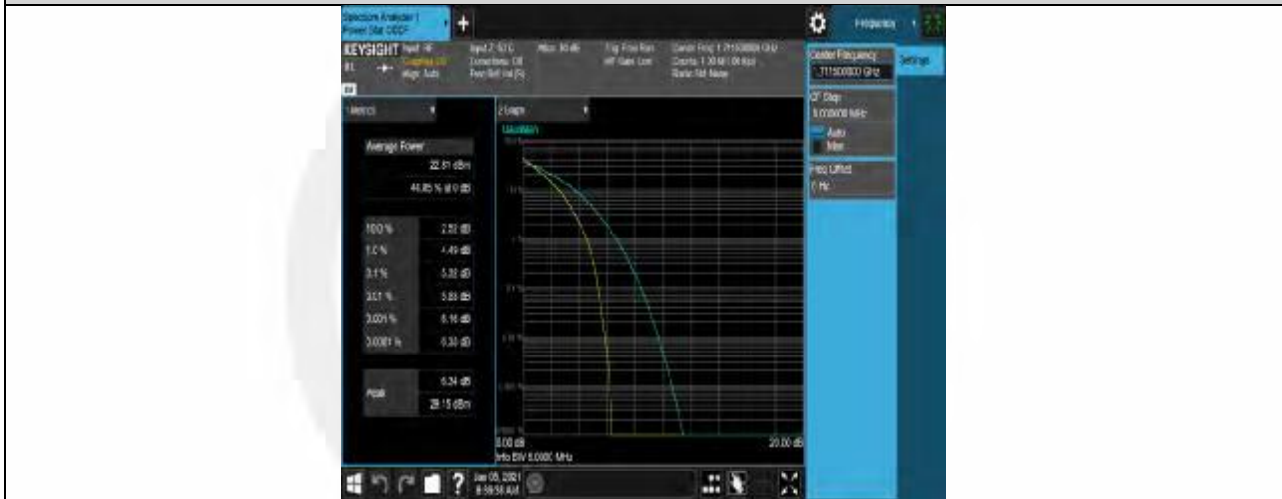
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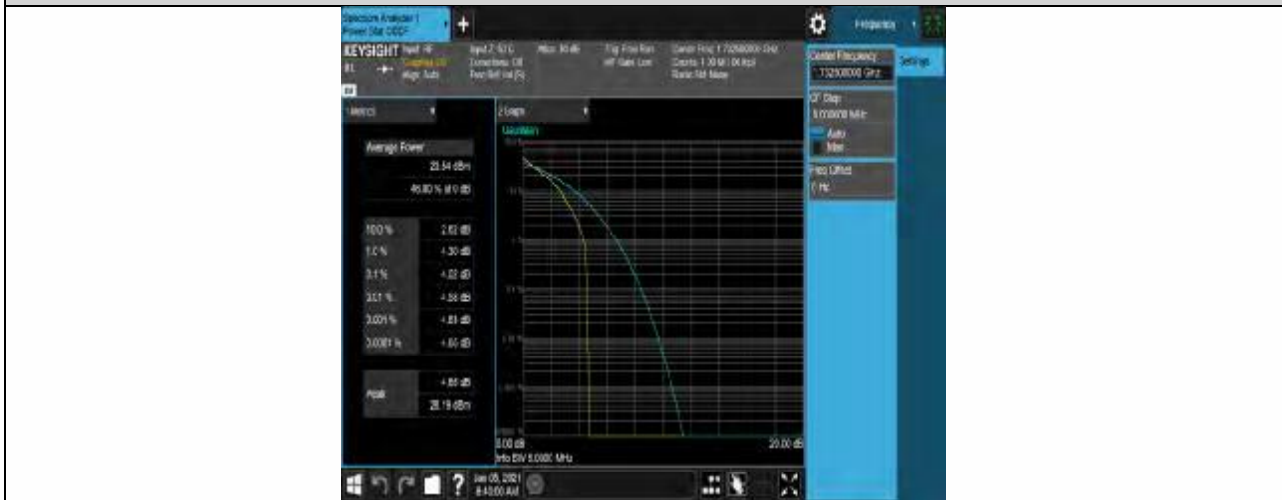
Band4-3MHz-QPSK-19965-1RB#0



Band4-3MHz-QPSK-19965-15RB#0



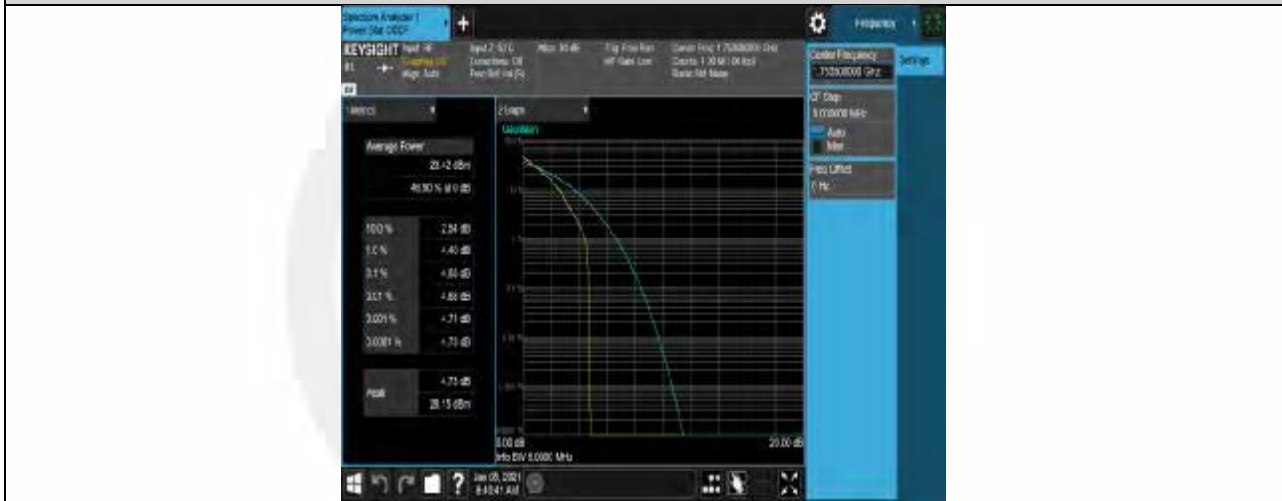
Band4-3MHz-QPSK-20175-1RB#0



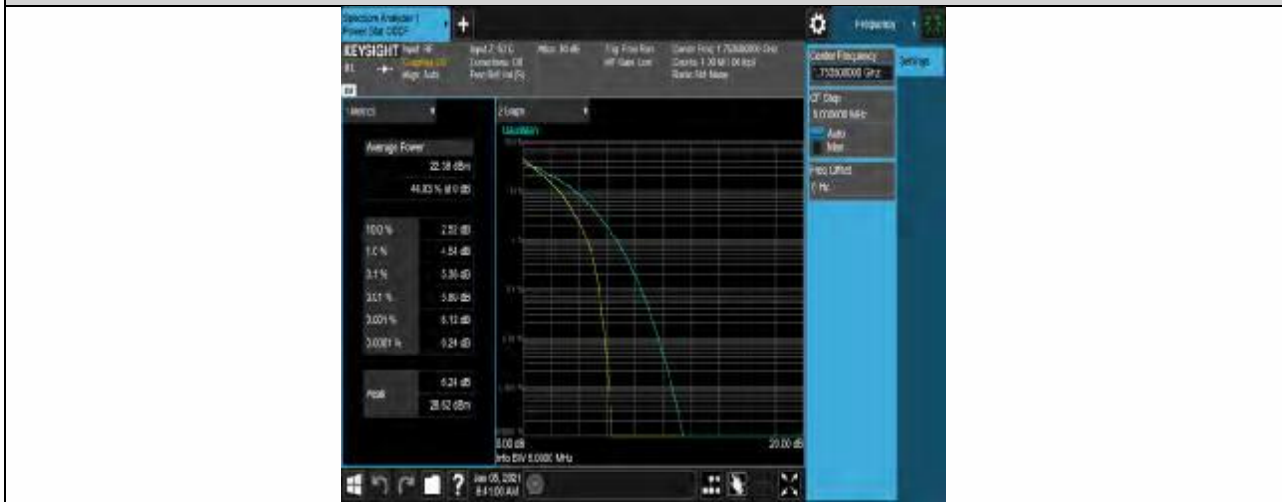
Band4-3MHz-QPSK-20175-15RB#0



Band4-3MHz-QPSK-20385-1RB#0

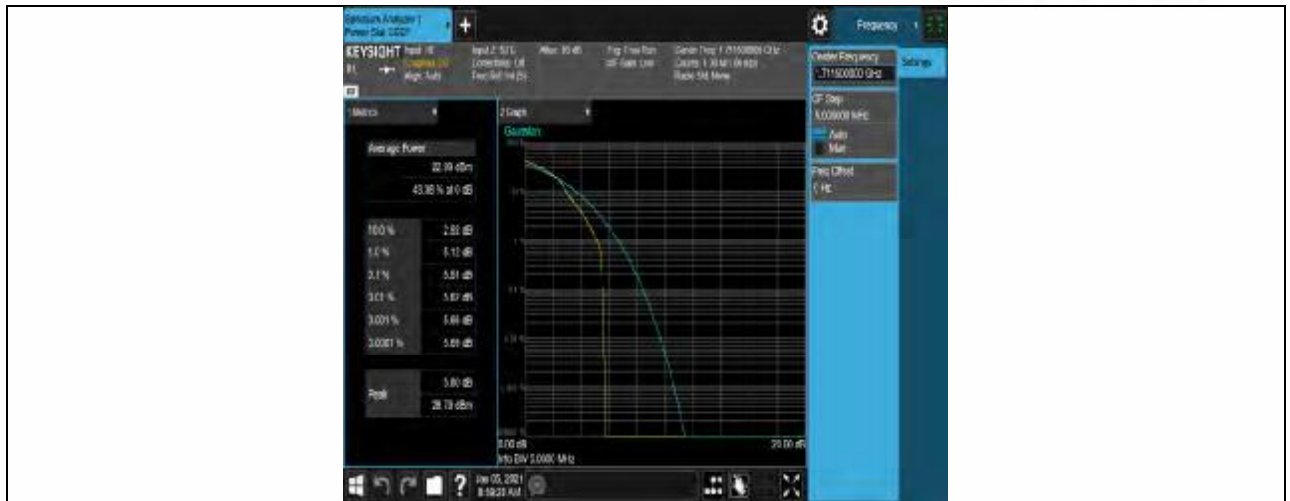


Band4-3MHz-QPSK-20385-15RB#0

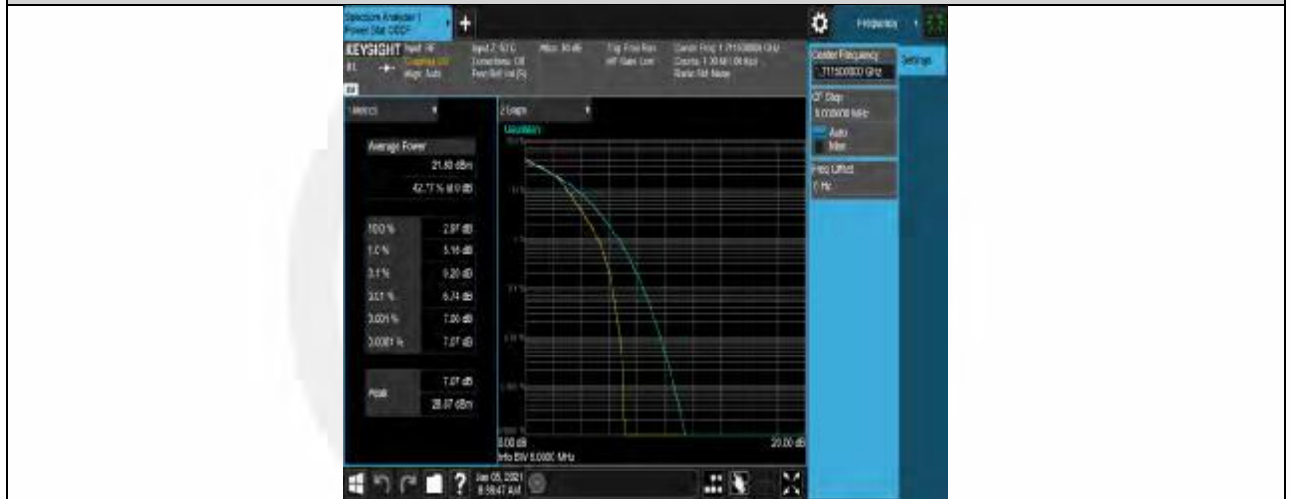


Band4-3MHz-16QAM-19965-1RB#0

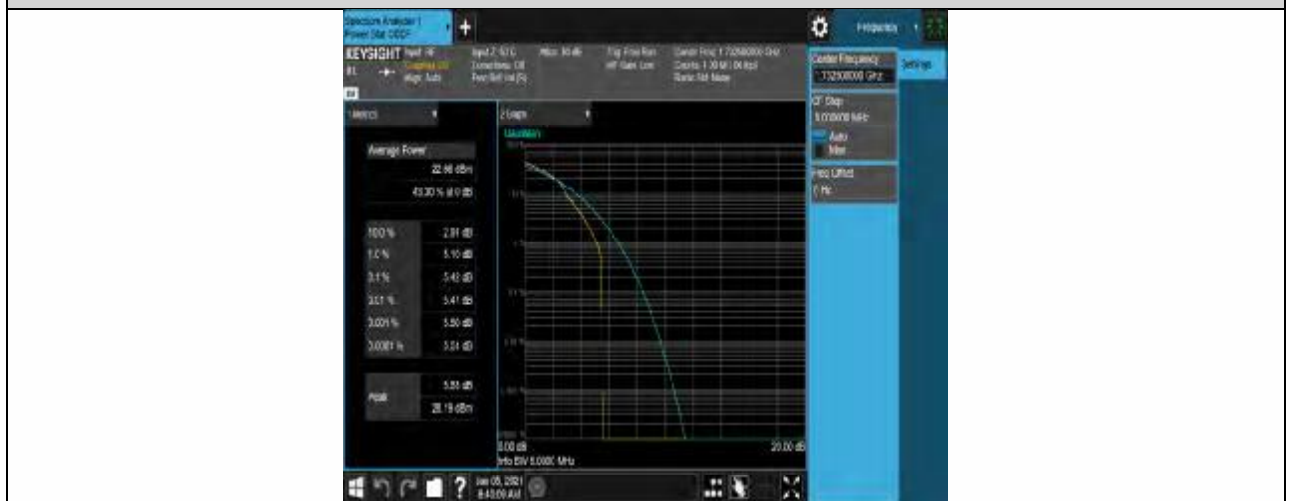




Band4-3MHz-16QAM-19965-15RB#0



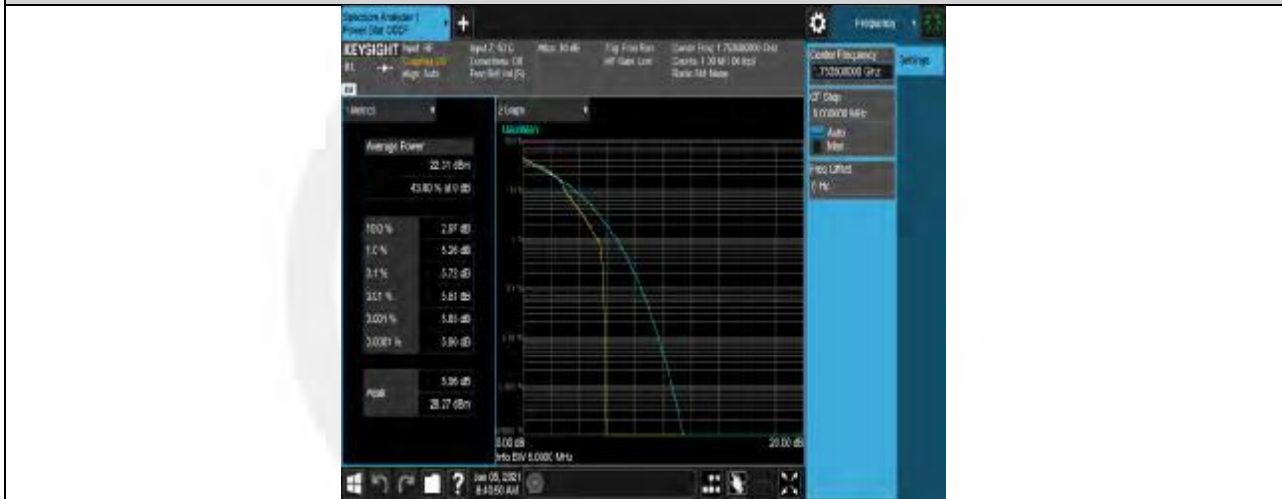
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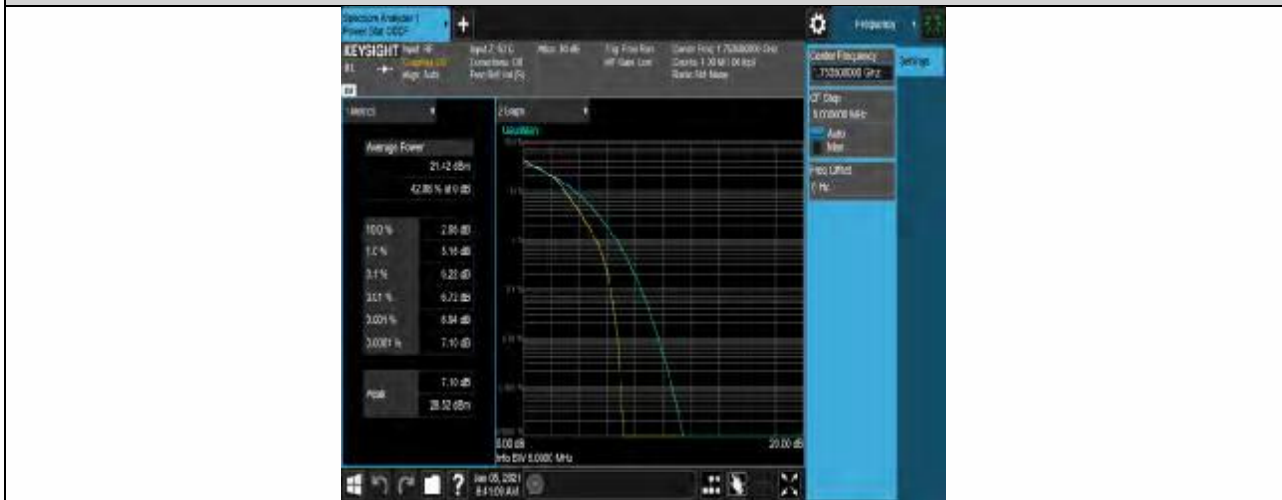
Band4-3MHz-16QAM-20175-15RB#0



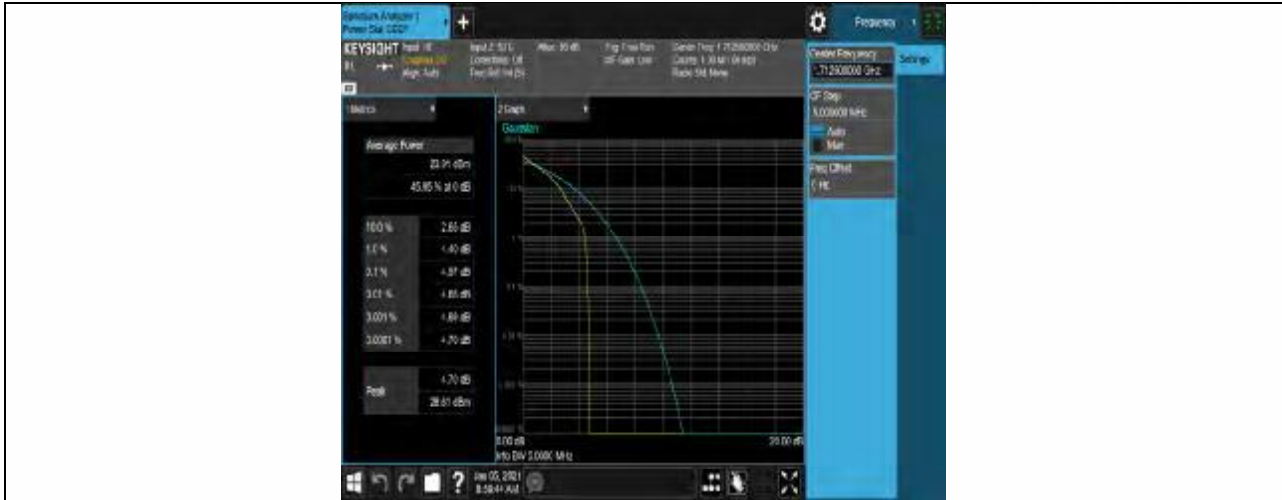
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Band4-3MHz-16QAM-20385-15RB#0



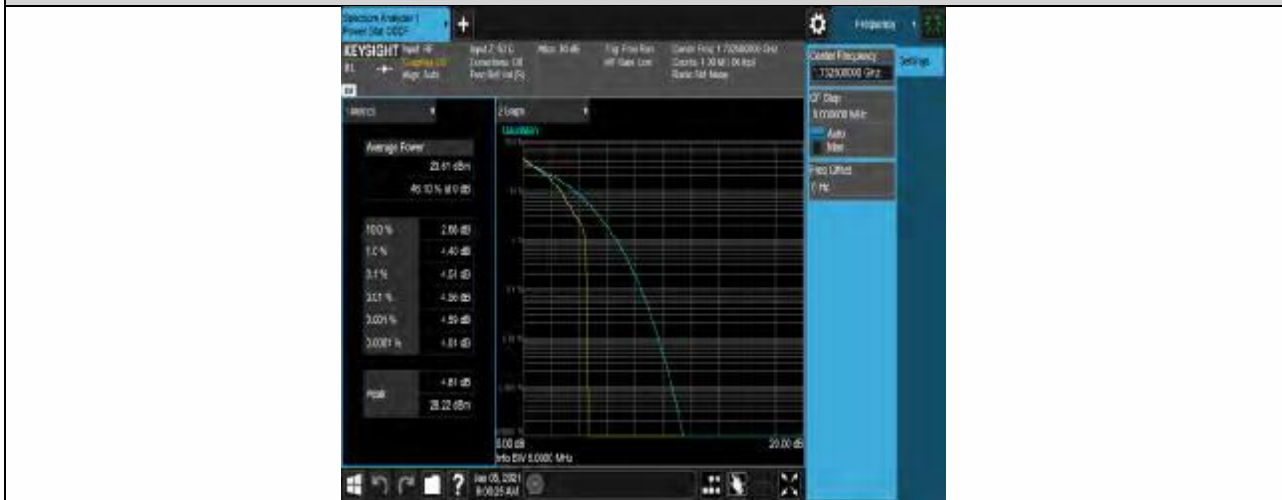
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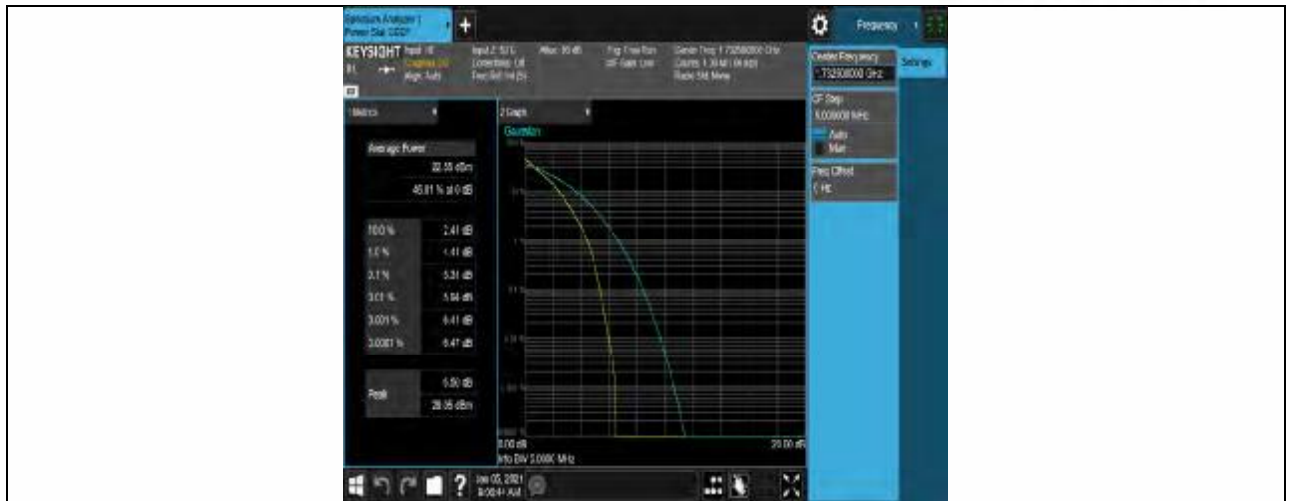
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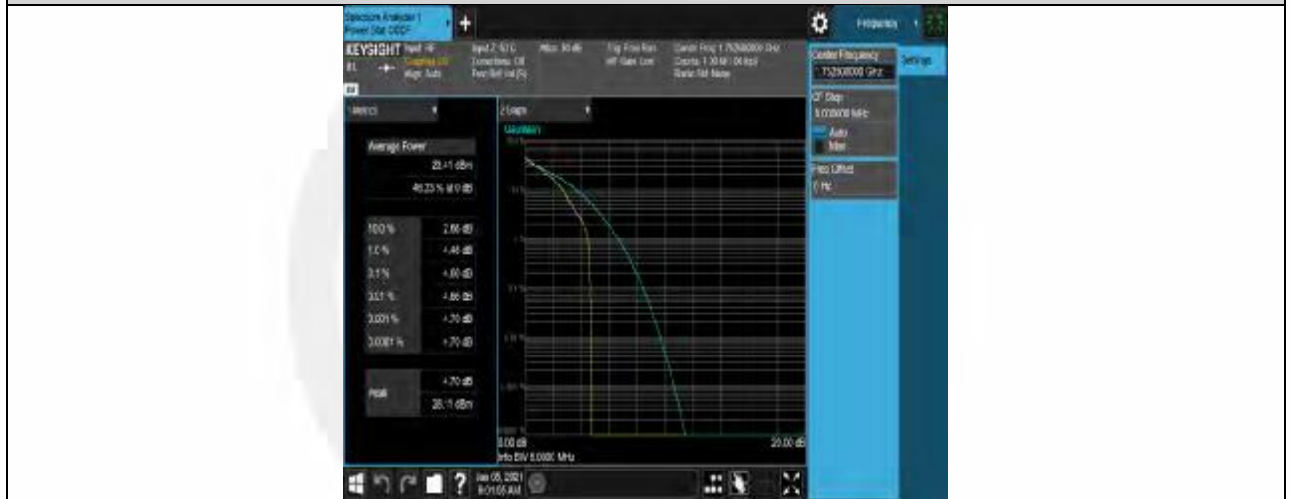
Band4-5MHz-QPSK-20175-1RB#0



Band4-5MHz-QPSK-20175-25RB#0



Band4-5MHz-QPSK-20375-1RB#0



Band4-5MHz-QPSK-20375-25RB#0



Band4-5MHz-16QAM-19975-1RB#0



Band4-5MHz-16QAM-19975-25RB#0



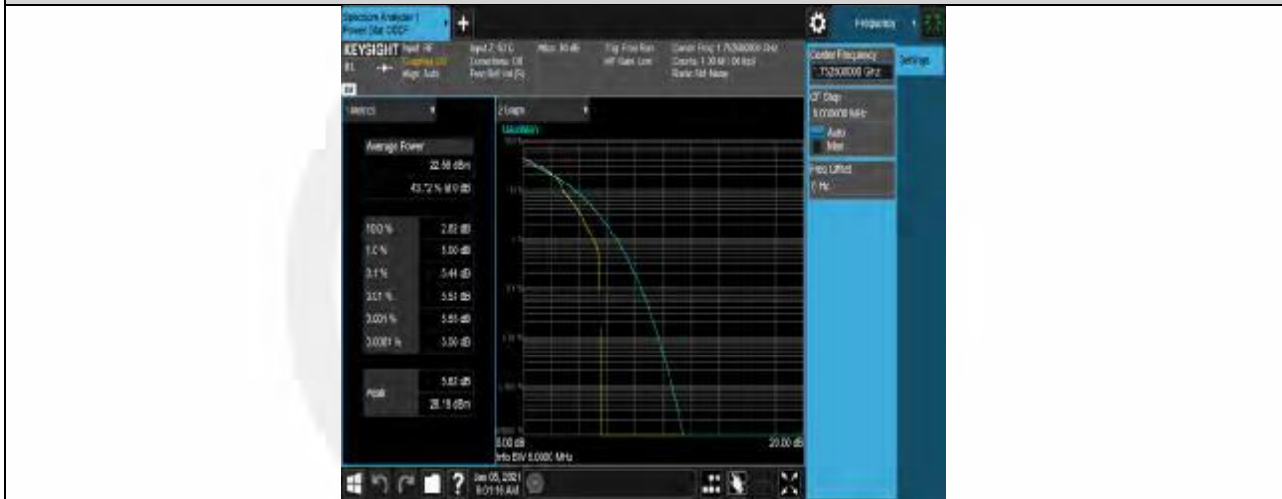
Band4-5MHz-16QAM-20175-1RB#0



Band4-5MHz-16QAM-20175-25RB#0



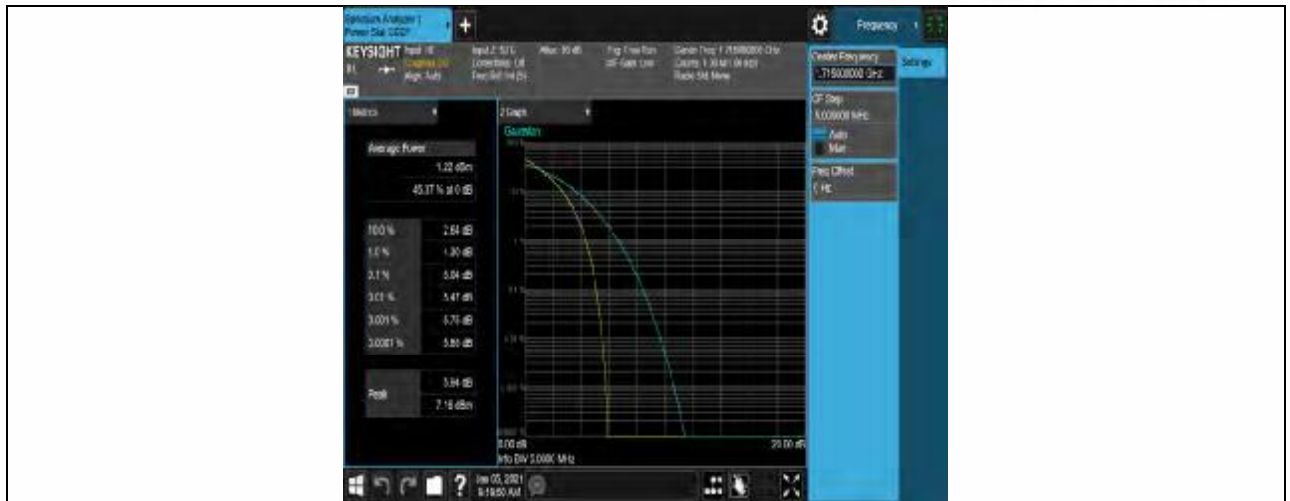
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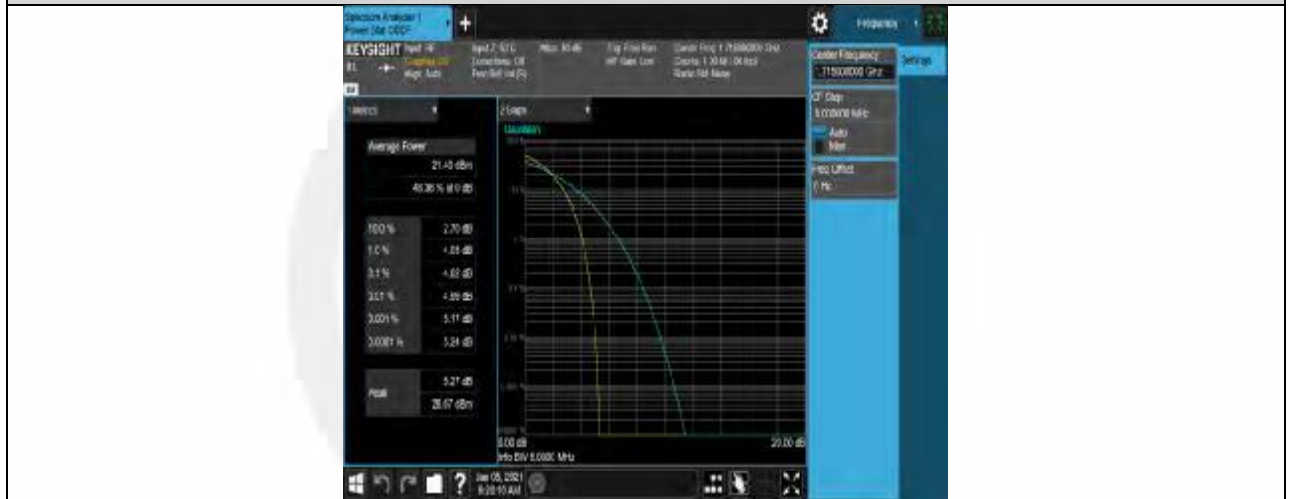
Band4-5MHz-16QAM-20375-25RB#0



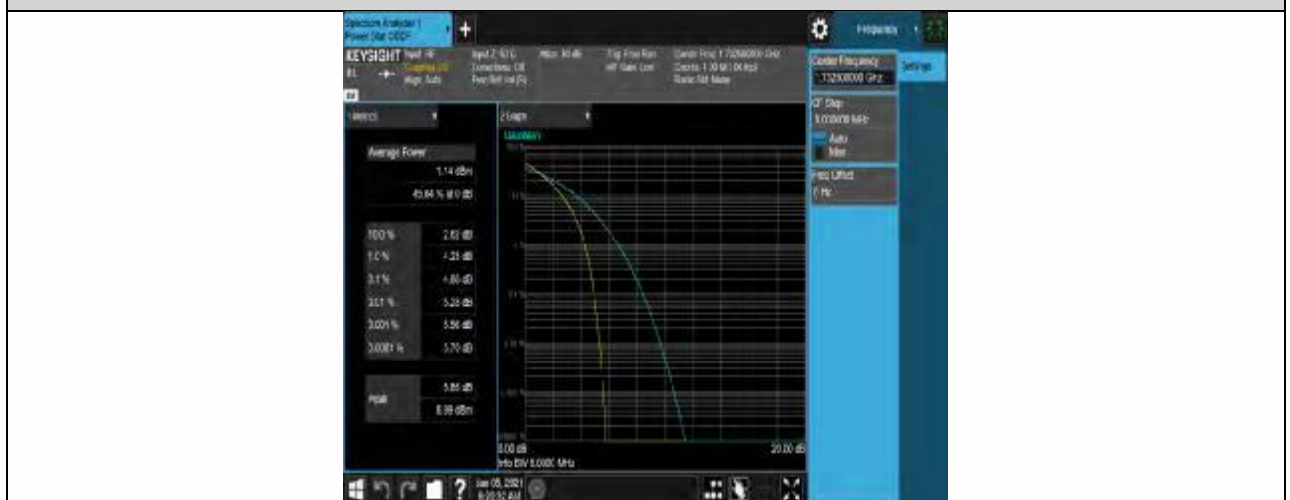
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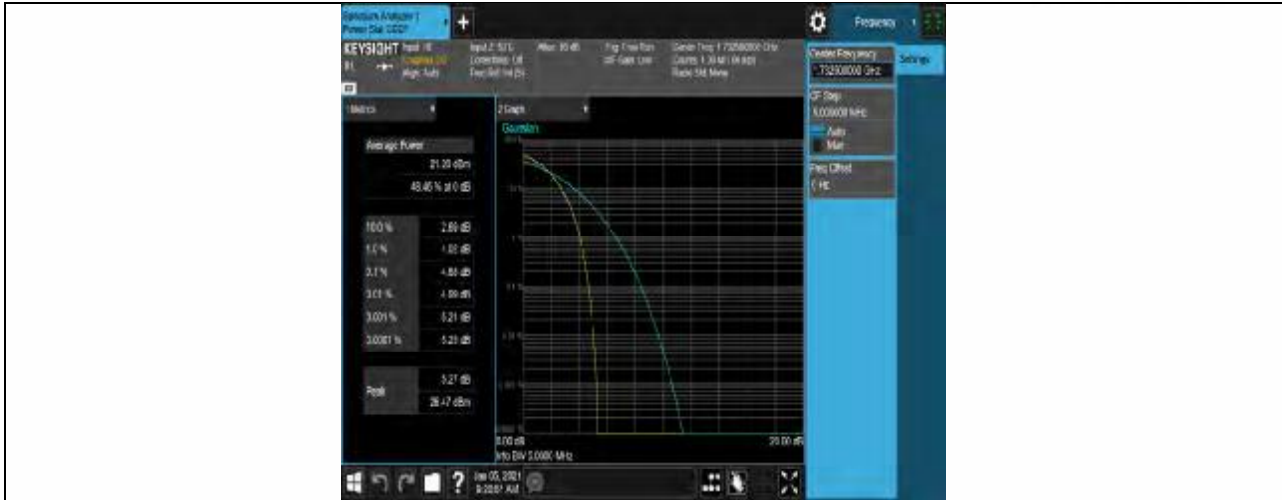
Band4-10MHz-QPSK-20000-50RB#0



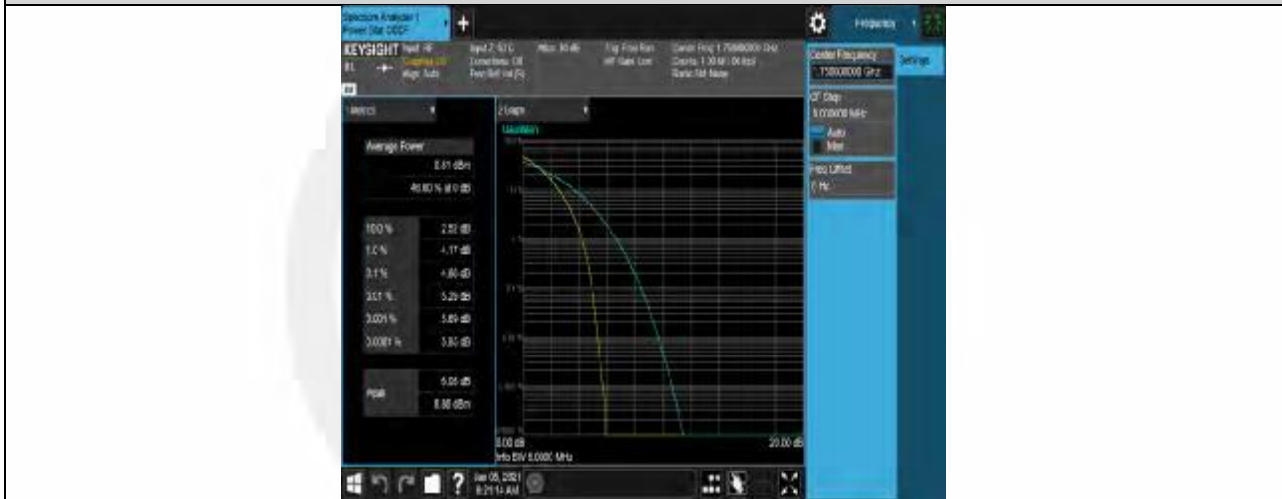
Band4-10MHz-QPSK-20175-1RB#0



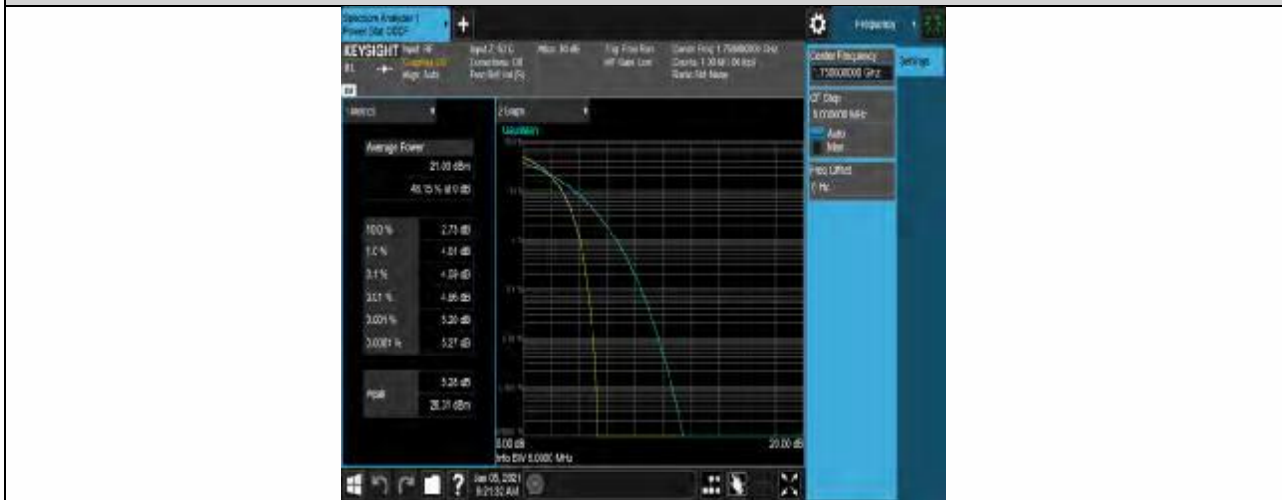
Band4-10MHz-QPSK-20175-50RB#0



Band4-10MHz-QPSK-20350-1RB#0

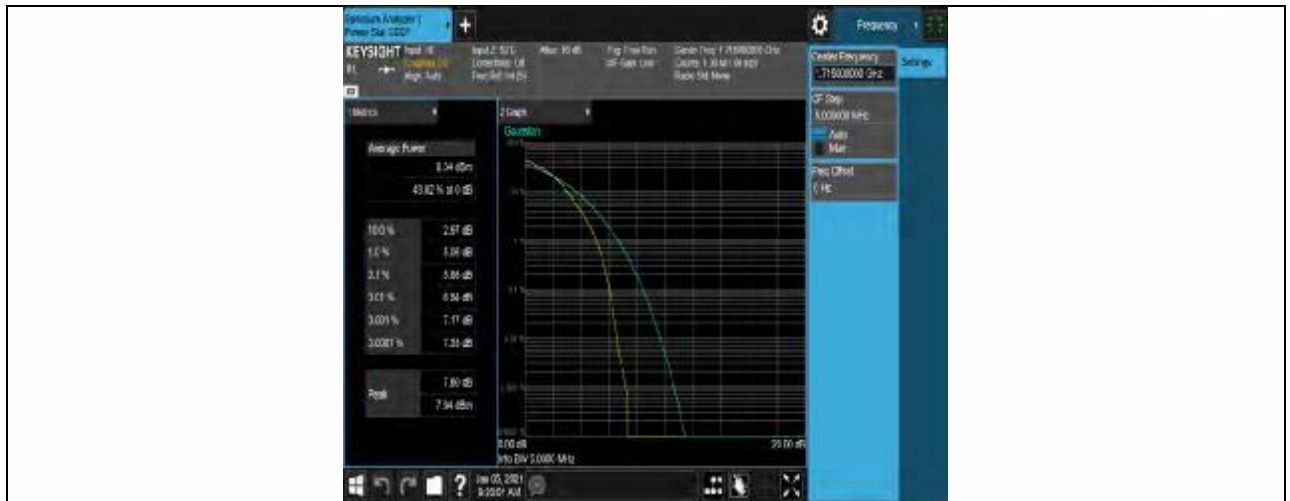


Band4-10MHz-QPSK-20350-50RB#0

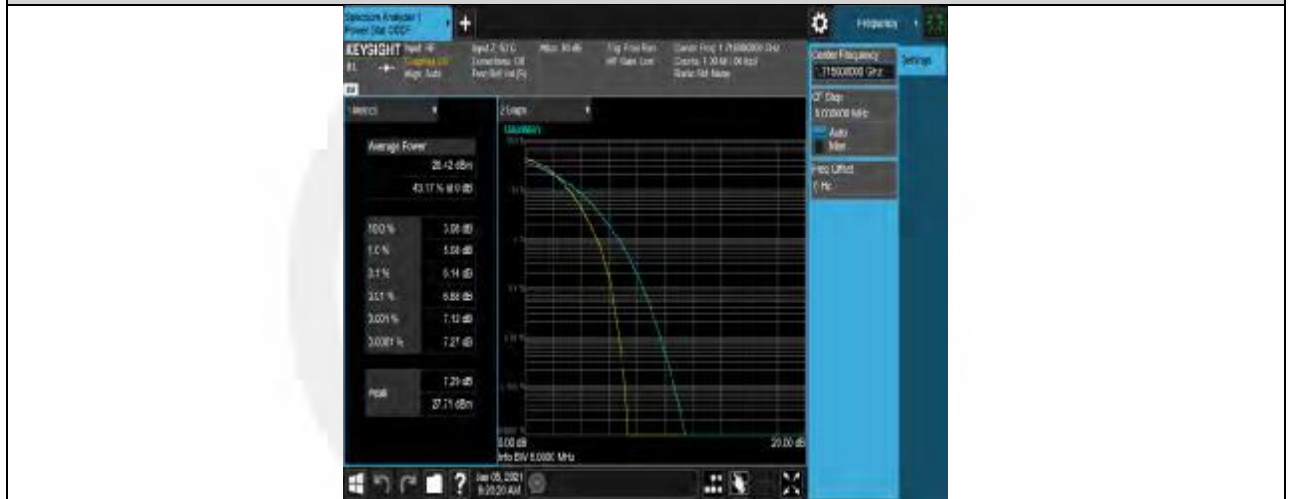


Band4-10MHz-16QAM-20000-1RB#0





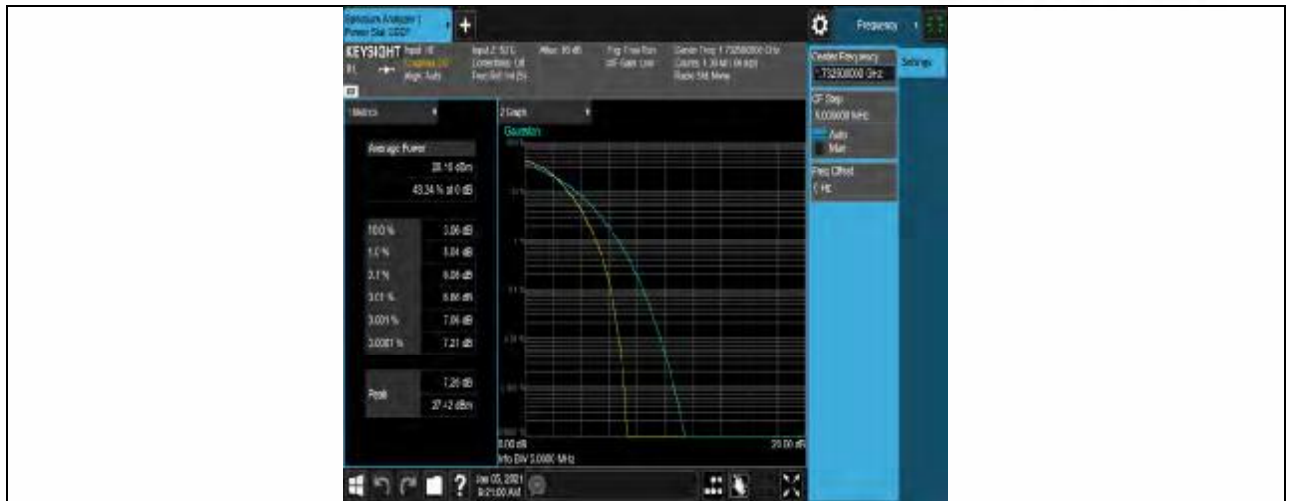
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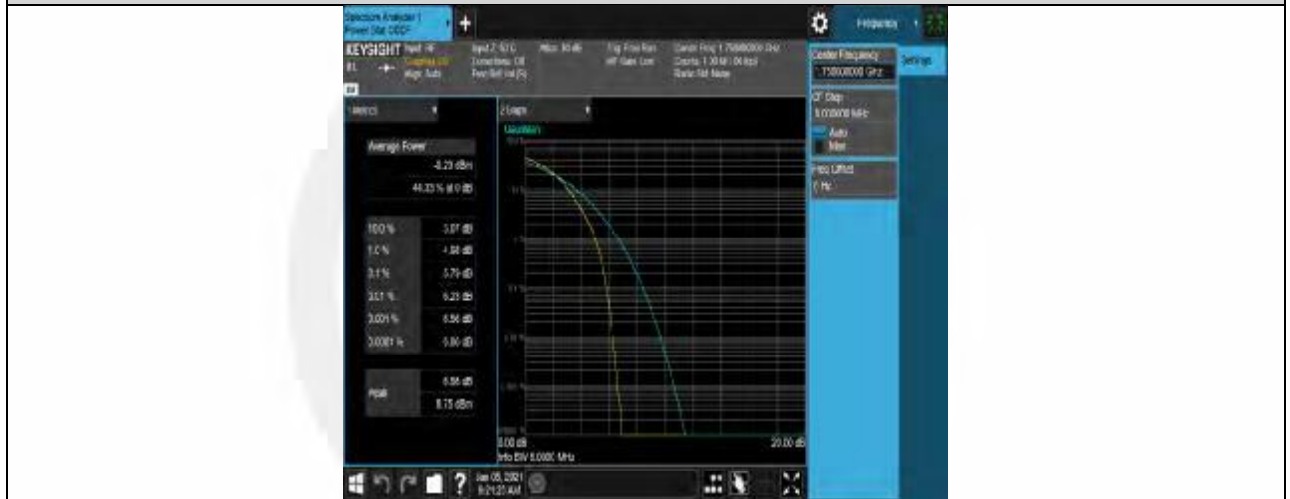
Band4-10MHz-16QAM-20175-1RB#0



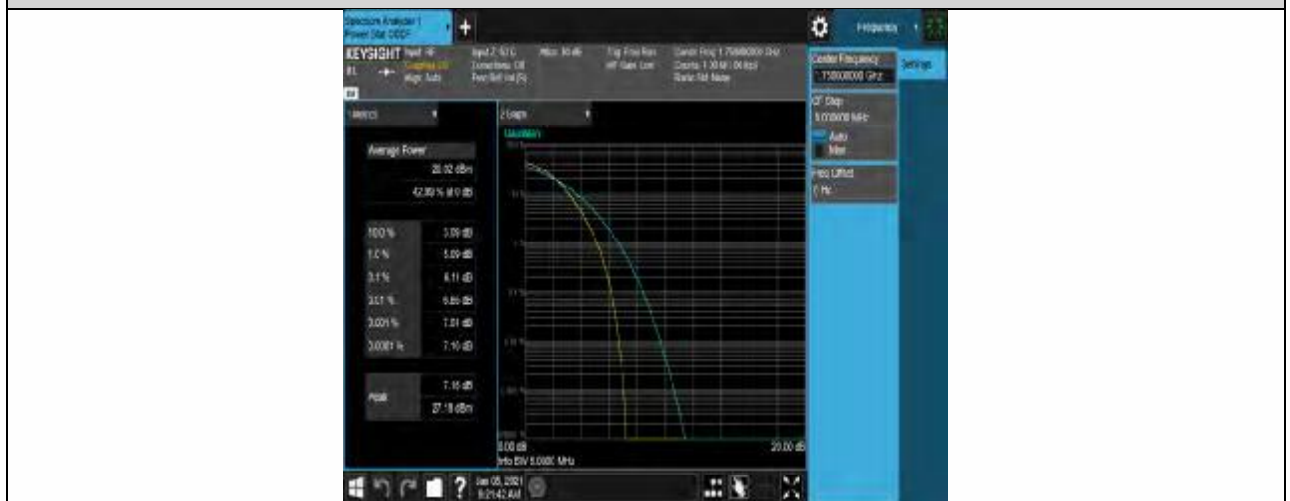
Band4-10MHz-16QAM-20175-50RB#0



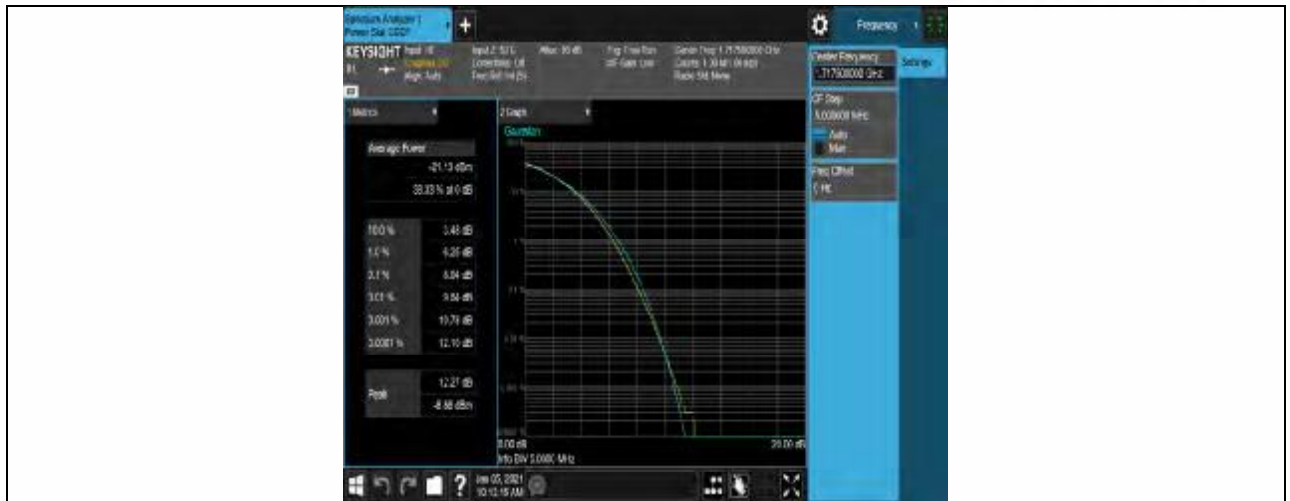
Band4-10MHz-16QAM-20350-1RB#0



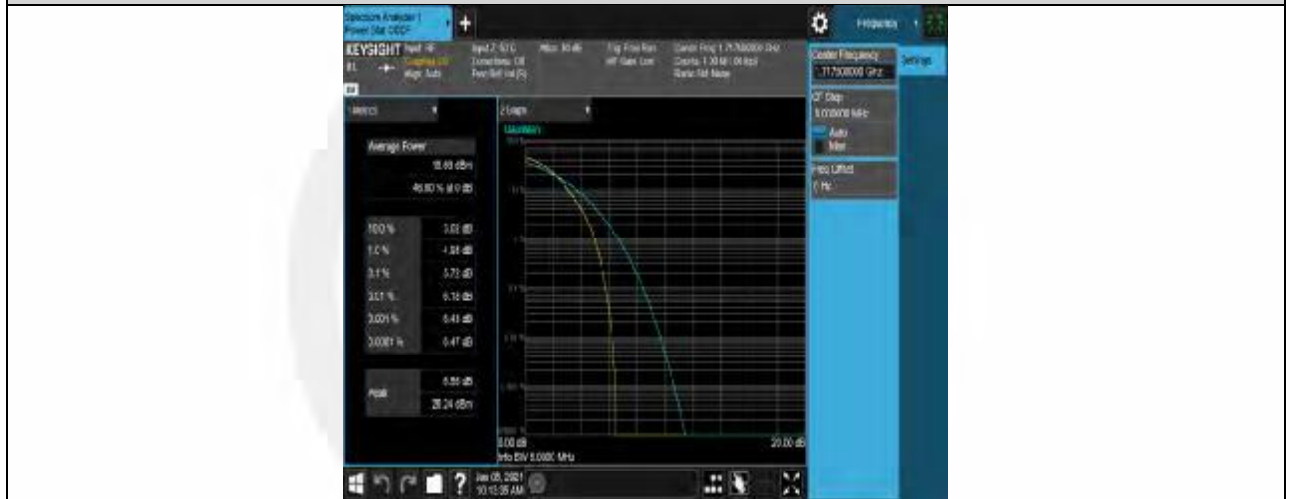
Band4-10MHz-16QAM-20350-50RB#0



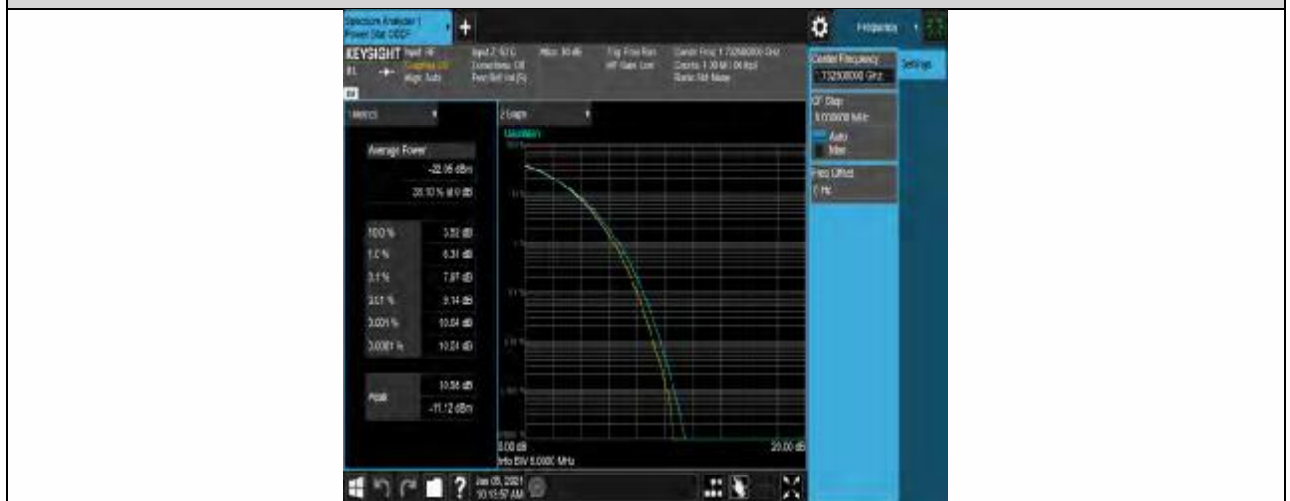
Band4-15MHz-QPSK-20025-1RB#0



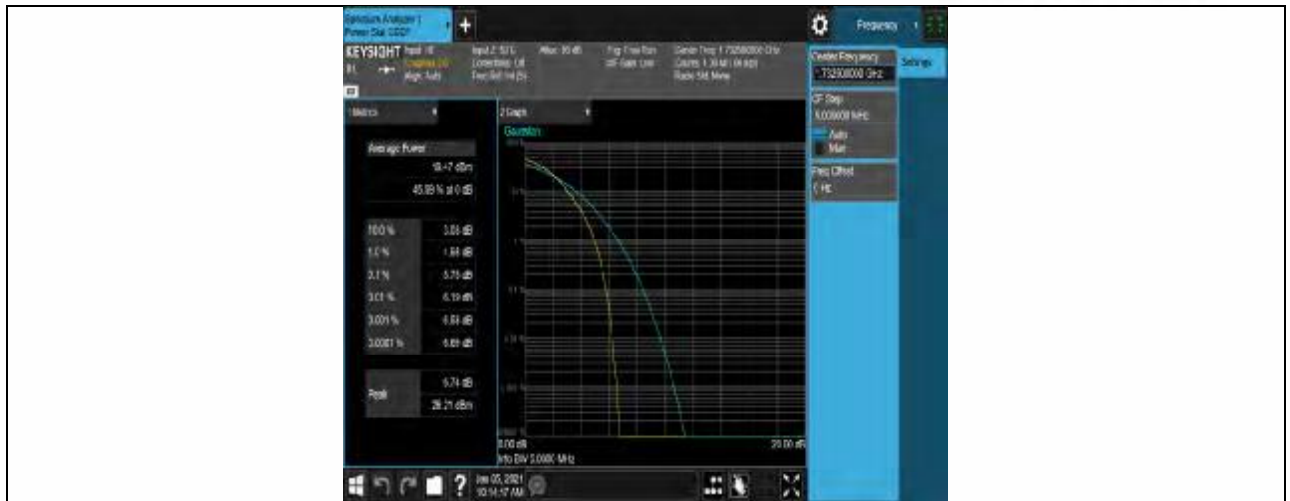
Band4-15MHz-QPSK-20025-75RB#0



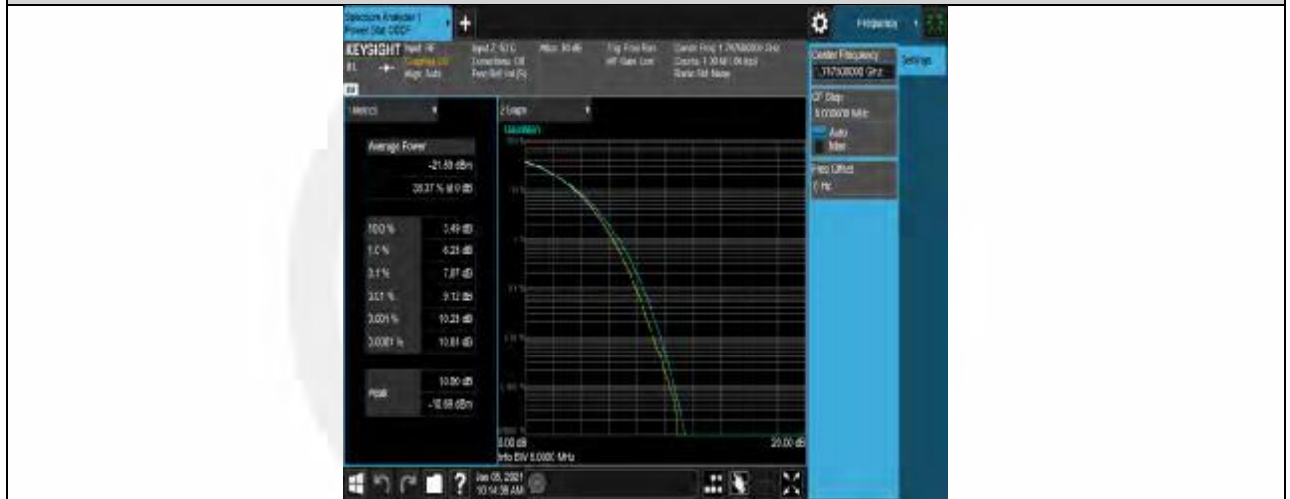
Band4-15MHz-QPSK-20175-1RB#0



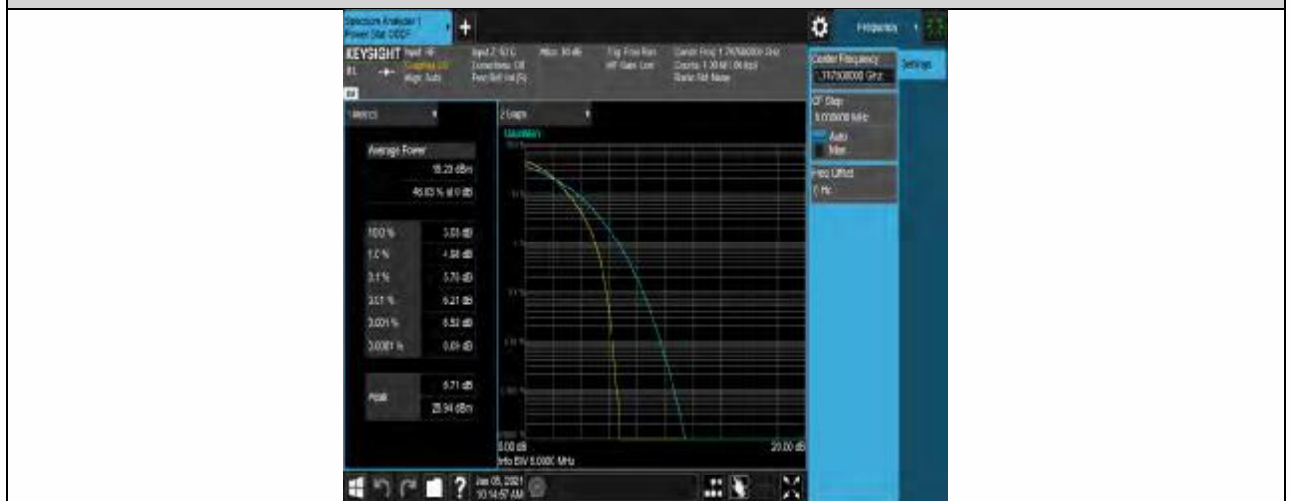
Band4-15MHz-QPSK-20175-75RB#0



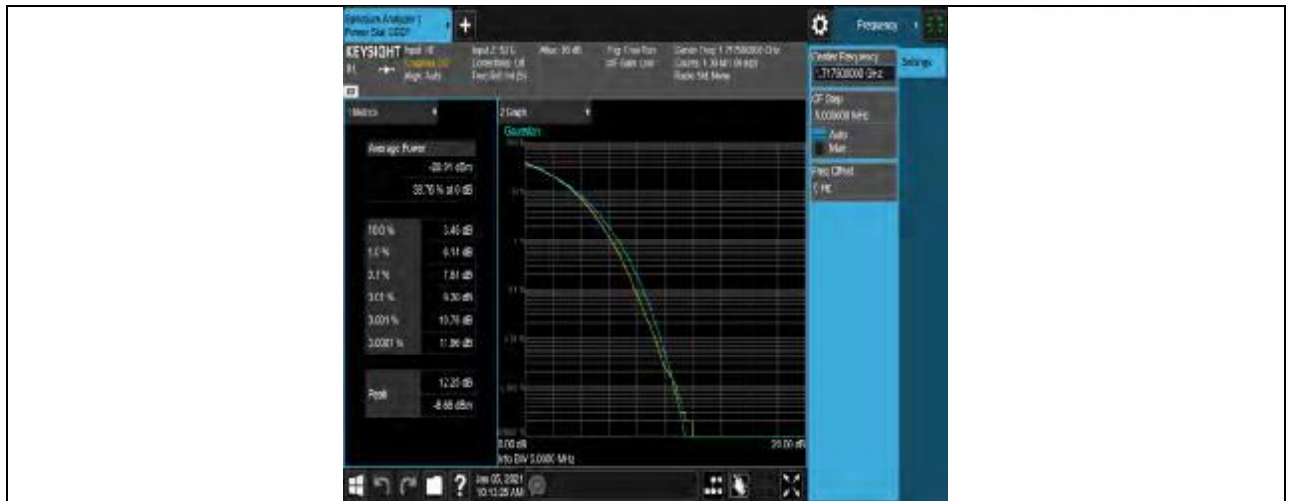
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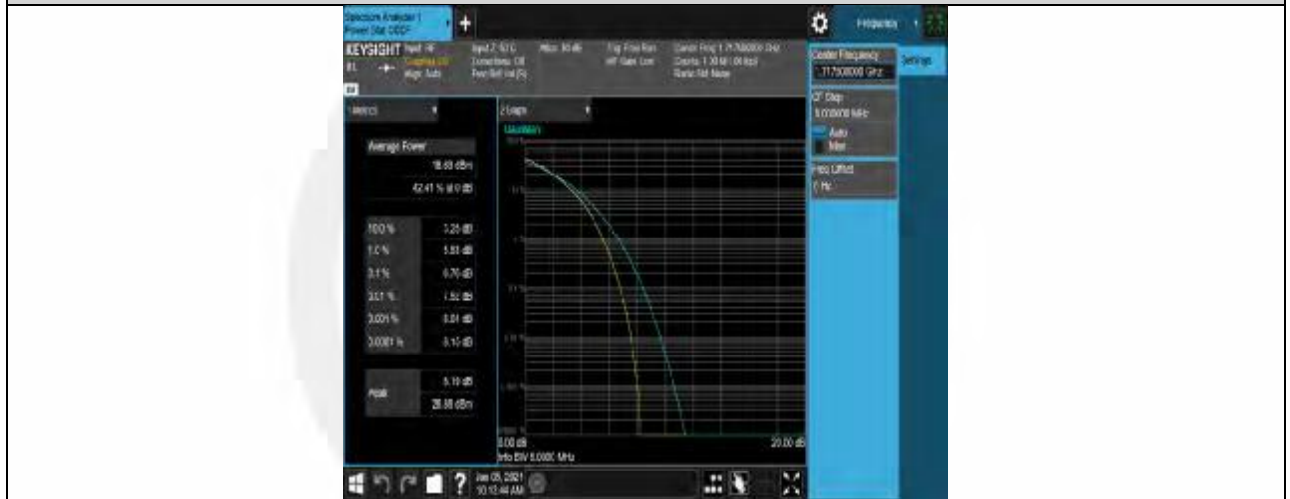
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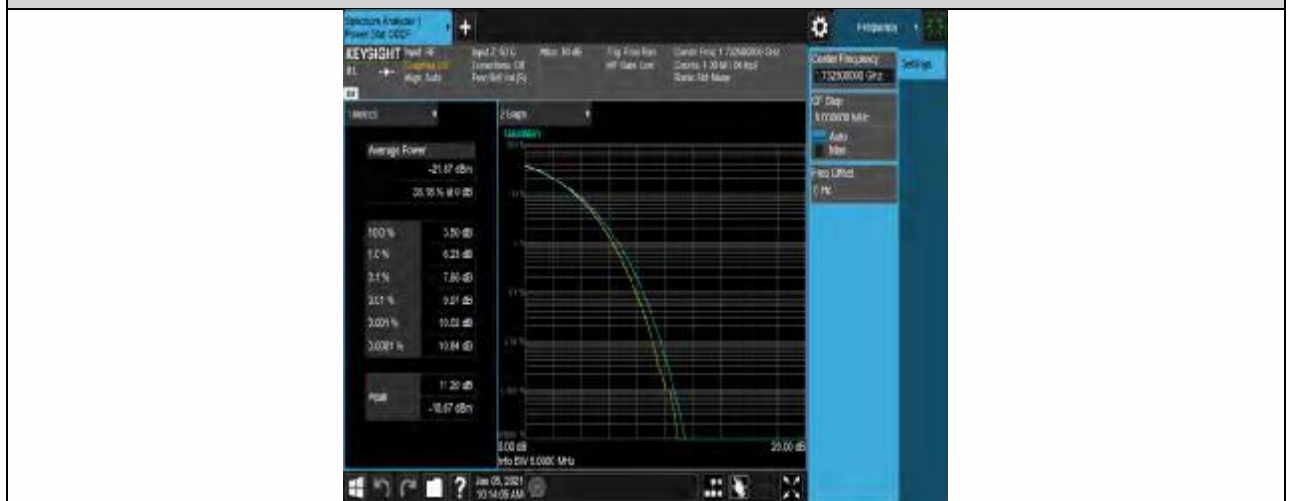
Band4-15MHz-16QAM-20025-1RB#0



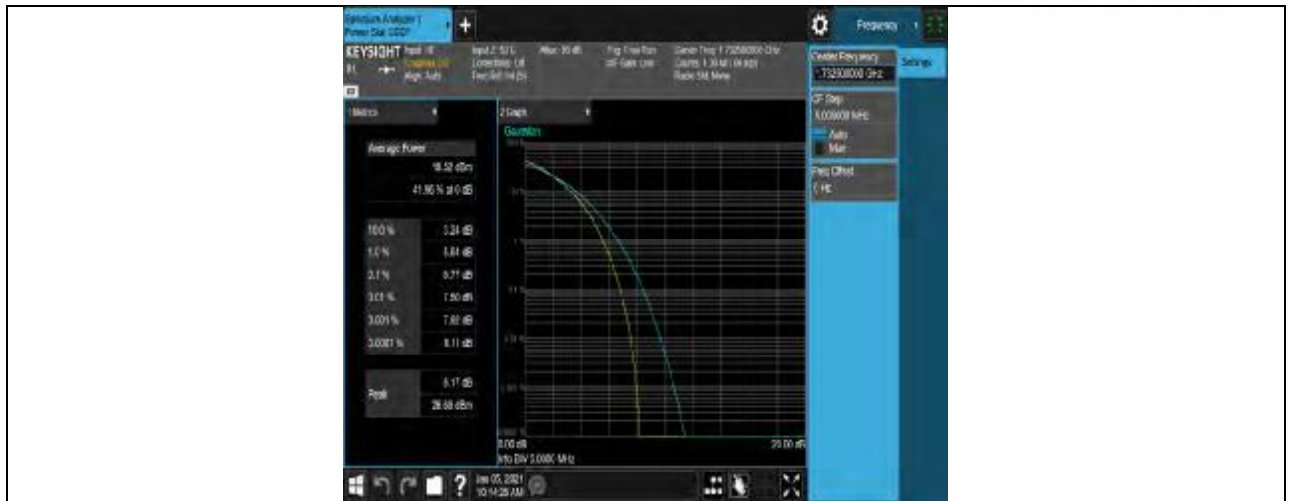
Band4-15MHz-16QAM-20025-75RB#0



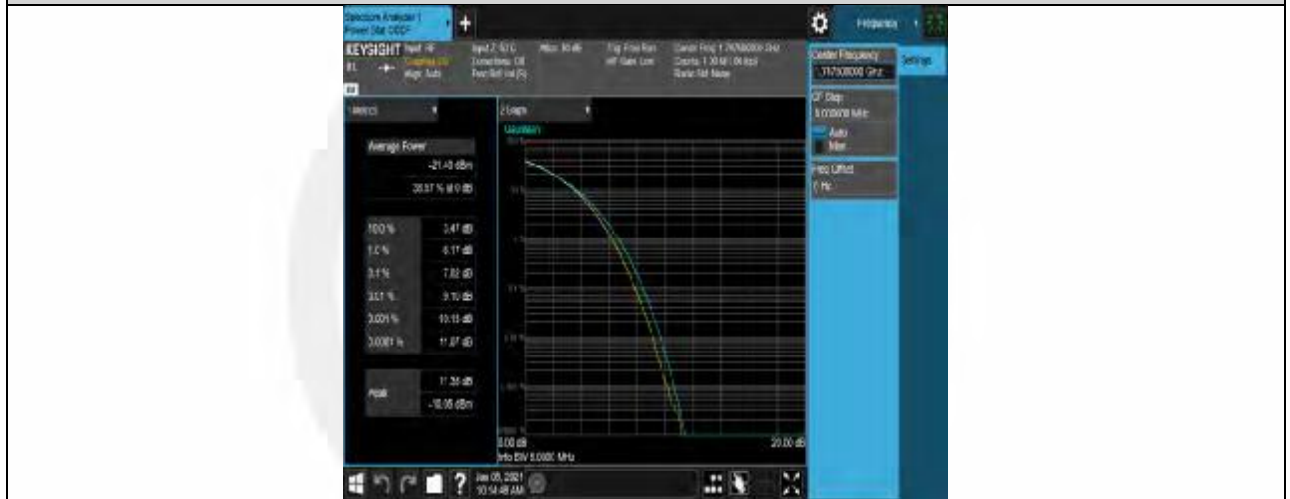
Band4-15MHz-16QAM-20175-1RB#0



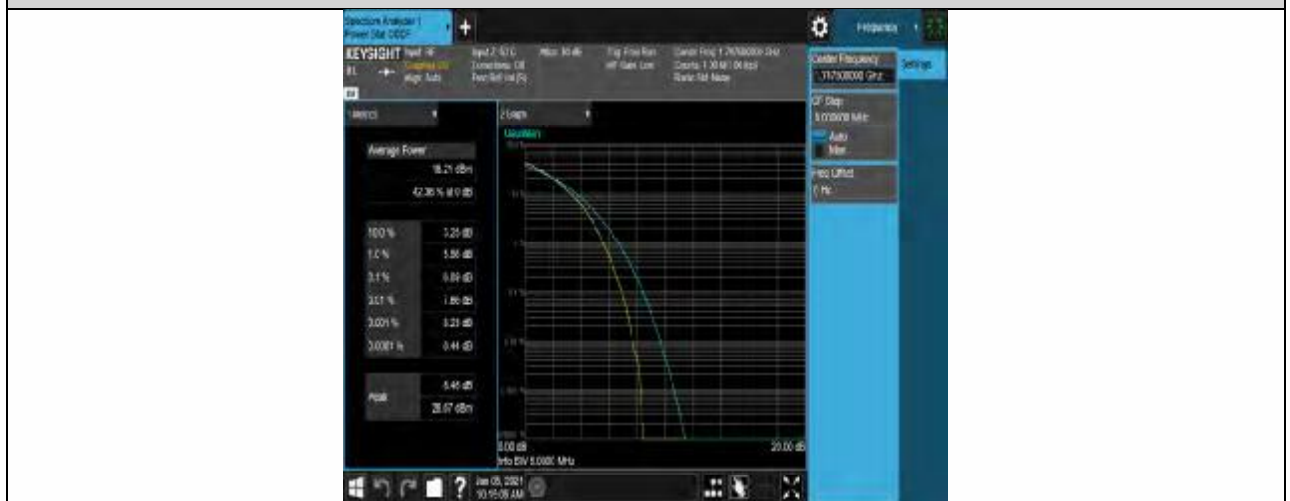
Band4-15MHz-16QAM-20175-75RB#0



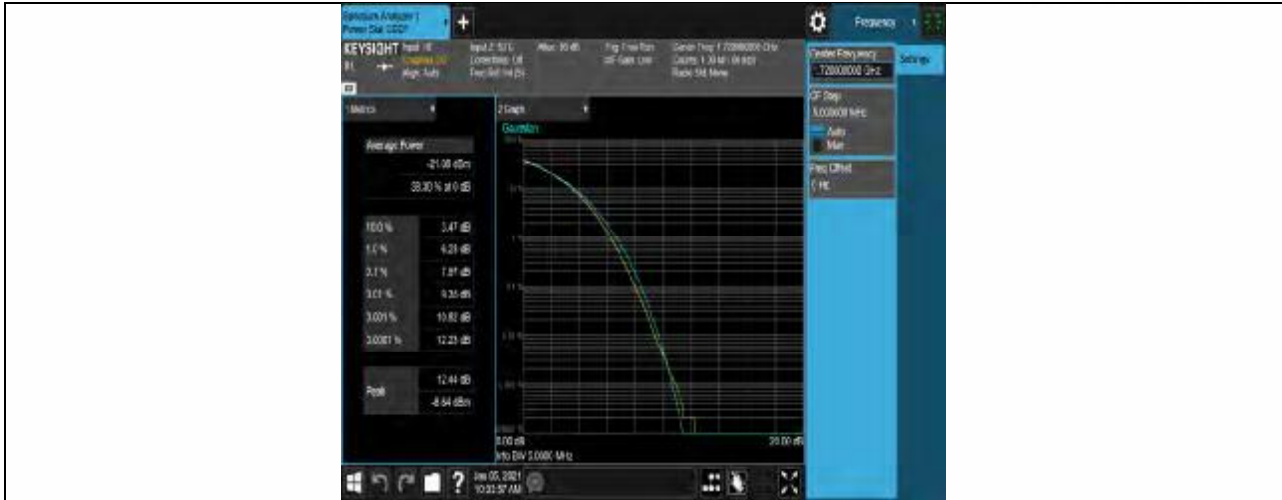
Band4-15MHz-16QAM-20325-1RB#0



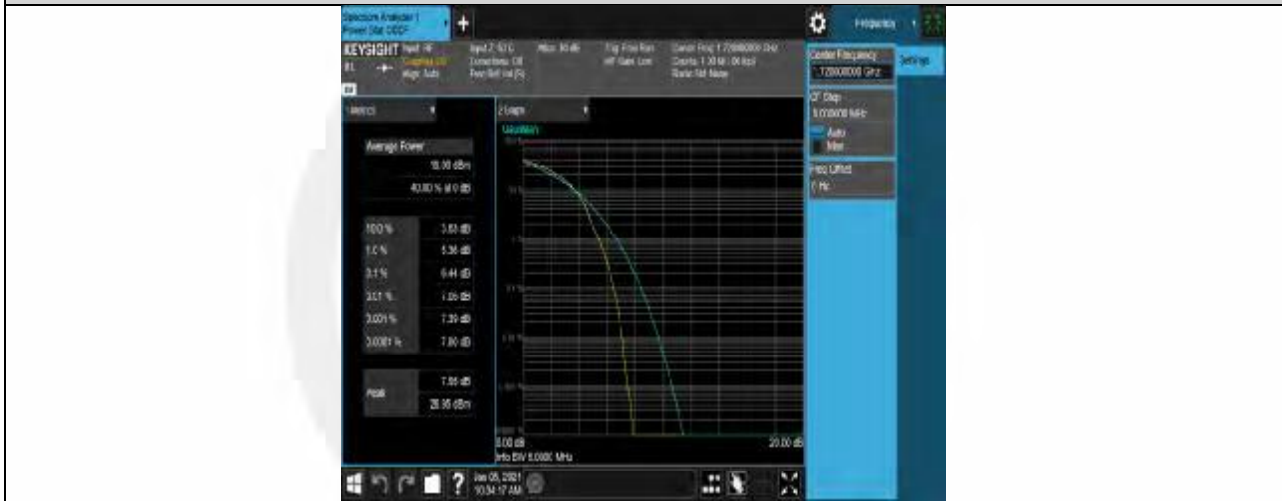
Band4-15MHz-16QAM-20325-75RB#0



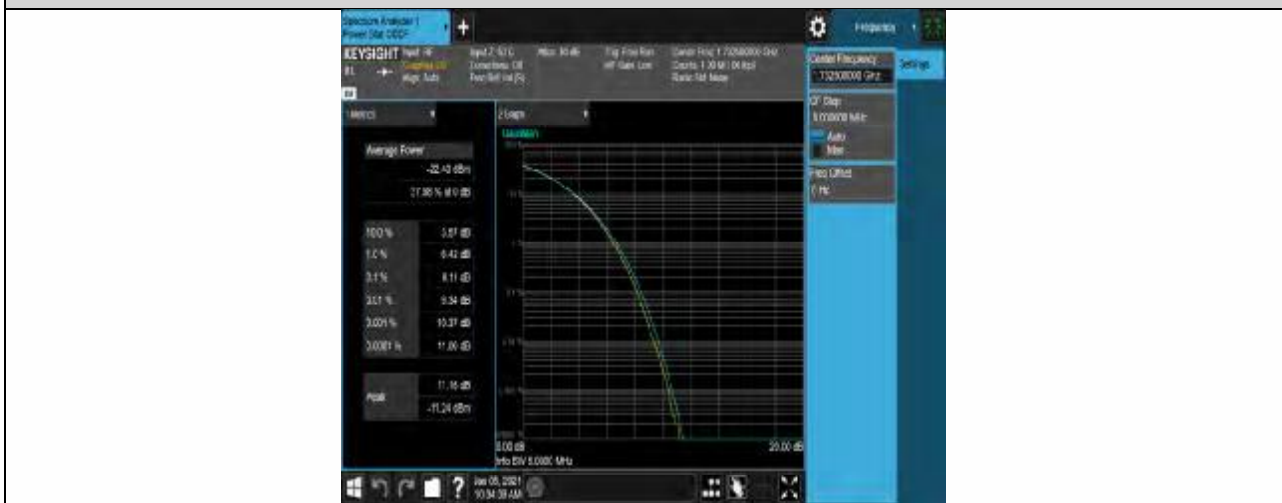
Band4-20MHz-QPSK-20050-1RB#0



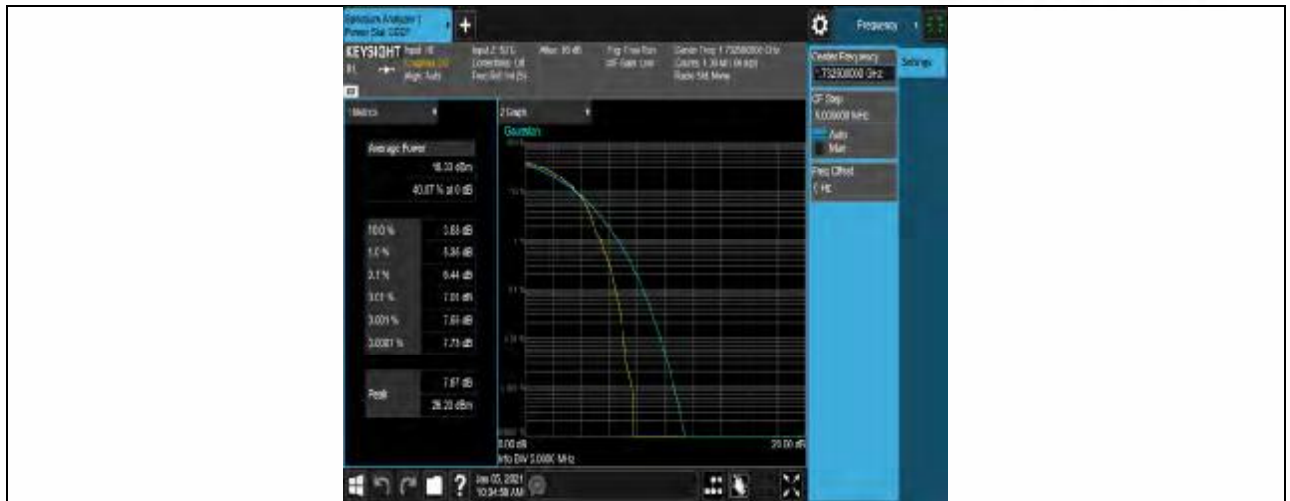
Band4-20MHz-QPSK-20050-100RB#0



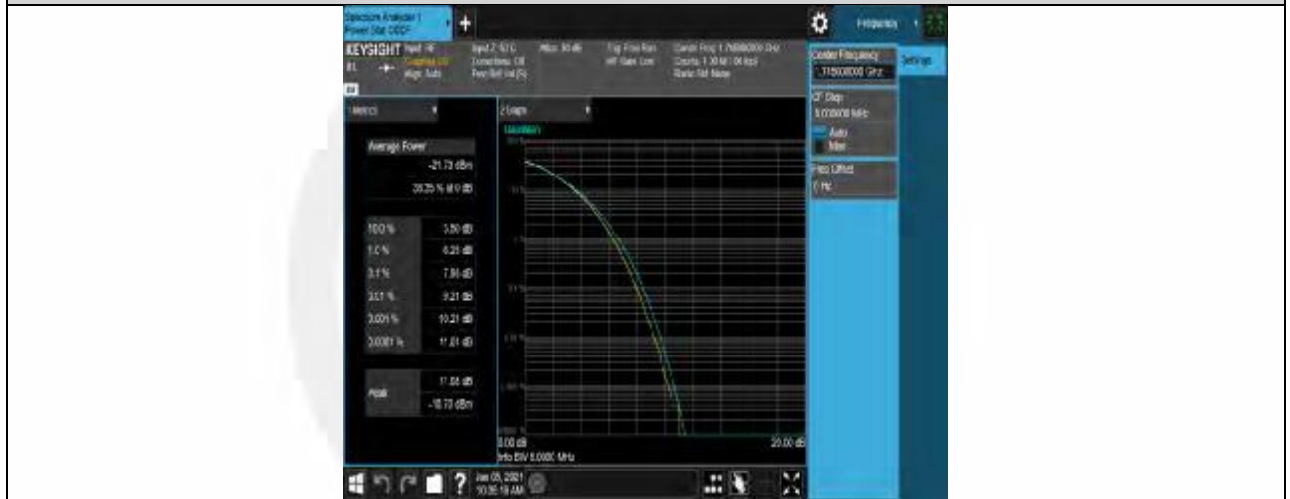
Band4-20MHz-QPSK-20175-1RB#0



Band4-20MHz-QPSK-20175-100RB#0



Band4-20MHz-QPSK-20300-1RB#0



Band4-20MHz-QPSK-20300-100RB#0



Band4-20MHz-16QAM-20050-1RB#0





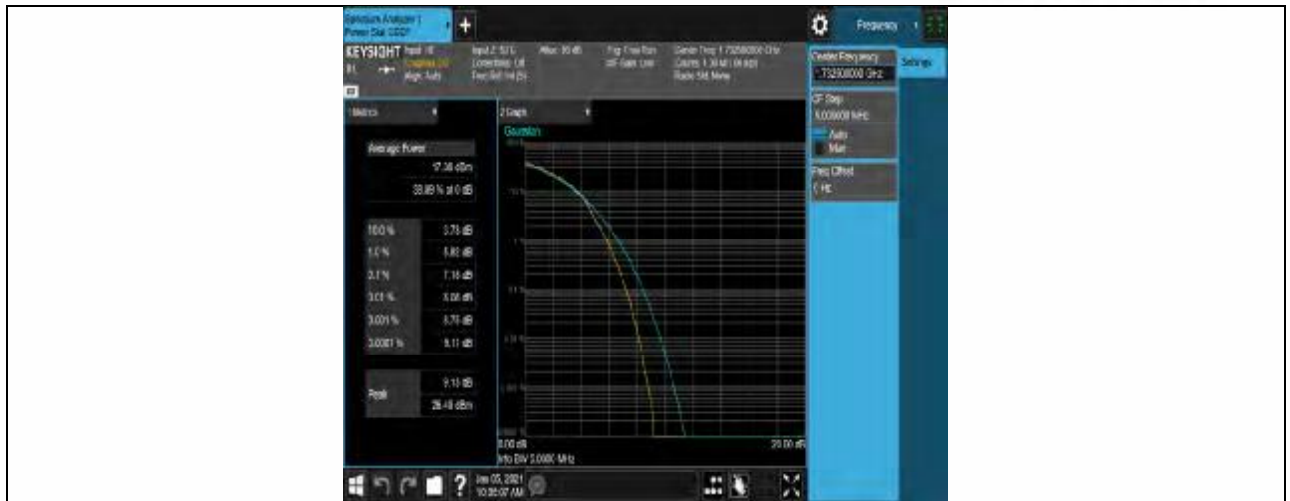
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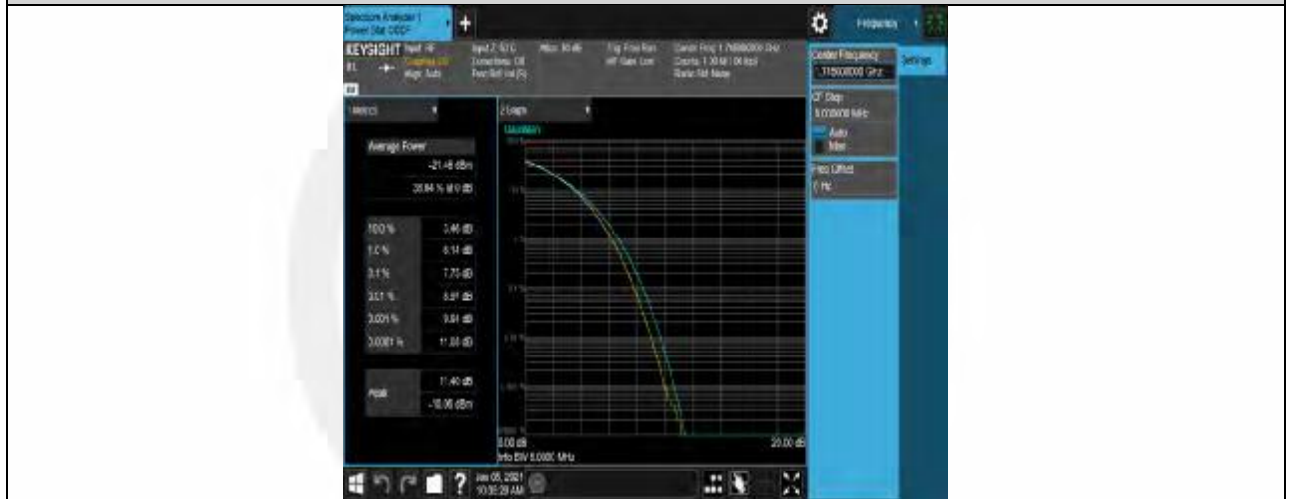
Band4-20MHz-16QAM-20175-1RB#0



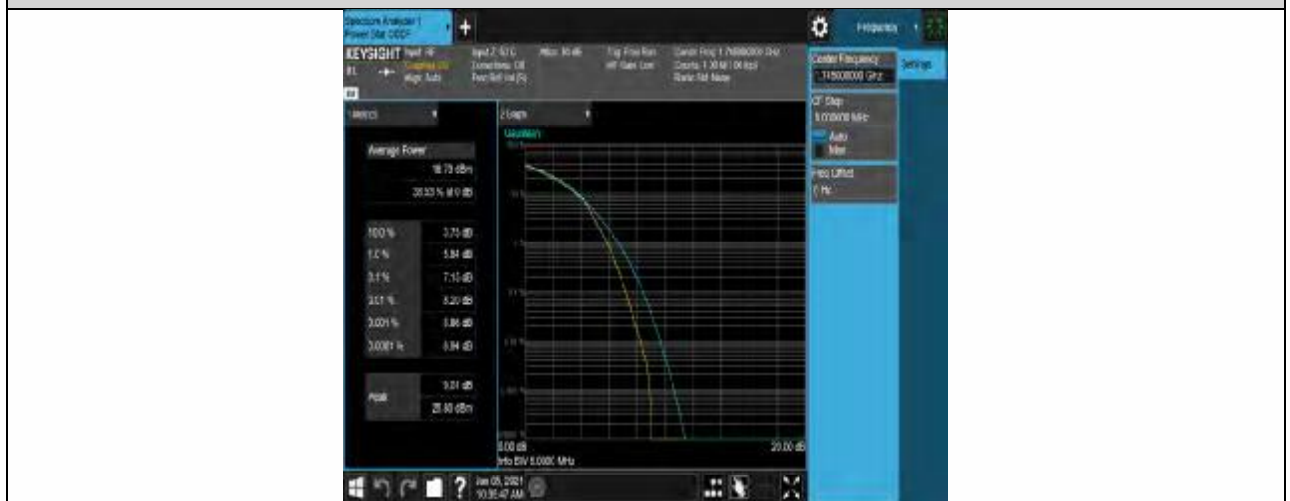
Band4-20MHz-16QAM-20175-100RB#0



Band4-20MHz-16QAM-20300-1RB#0



Band4-20MHz-16QAM-20300-100RB#0



## Appendix C: 26dB Bandwidth and Occupied Bandwidth

### Test Result

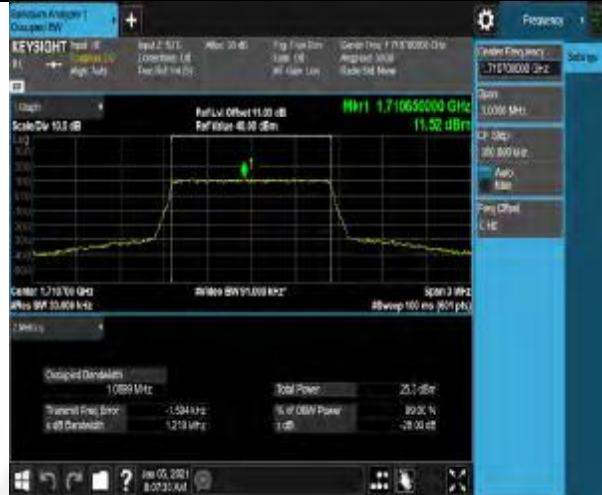
Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band4	1.4MHz	QPSK	19957	6RB#0	1.0899	1.219	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	1.0871	1.217	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	1.0906	1.217	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	1.0875	1.217	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	1.0879	1.224	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	1.0893	1.219	PASS
Band4	3MHz	QPSK	19965	15RB#0	2.6943	2.897	PASS
Band4	3MHz	QPSK	20175	15RB#0	2.6943	2.906	PASS
Band4	3MHz	QPSK	20385	15RB#0	2.6945	2.915	PASS
Band4	3MHz	16QAM	19965	15RB#0	2.6893	2.929	PASS
Band4	3MHz	16QAM	20175	15RB#0	2.6903	2.903	PASS
Band4	3MHz	16QAM	20385	15RB#0	2.6914	2.916	PASS
Band4	5MHz	QPSK	19975	25RB#0	4.4981	4.887	PASS
Band4	5MHz	QPSK	20175	25RB#0	4.4981	4.854	PASS
Band4	5MHz	QPSK	20375	25RB#0	4.4960	4.866	PASS
Band4	5MHz	16QAM	19975	25RB#0	4.4995	4.851	PASS
Band4	5MHz	16QAM	20175	25RB#0	4.5005	4.851	PASS
Band4	5MHz	16QAM	20375	25RB#0	4.4999	4.852	PASS
Band4	10MHz	QPSK	20000	50RB#0	8.9737	9.550	PASS
Band4	10MHz	QPSK	20175	50RB#0	8.9658	9.531	PASS
Band4	10MHz	QPSK	20350	50RB#0	8.9743	9.526	PASS
Band4	10MHz	16QAM	20000	50RB#0	8.9714	9.520	PASS
Band4	10MHz	16QAM	20175	50RB#0	8.9542	9.508	PASS
Band4	10MHz	16QAM	20350	50RB#0	8.9711	9.503	PASS
Band4	15MHz	QPSK	20025	75RB#0	13.444	14.27	PASS
Band4	15MHz	QPSK	20175	75RB#0	13.454	14.24	PASS
Band4	15MHz	QPSK	20325	75RB#0	13.458	14.27	PASS
Band4	15MHz	16QAM	20025	75RB#0	13.429	14.26	PASS
Band4	15MHz	16QAM	20175	75RB#0	13.437	14.22	PASS
Band4	15MHz	16QAM	20325	75RB#0	13.451	14.23	PASS

Band4	20MHz	QPSK	20050	100RB#0	17.886	18.93	PASS
Band4	20MHz	QPSK	20175	100RB#0	17.926	18.97	PASS
Band4	20MHz	QPSK	20300	100RB#0	17.963	18.97	PASS
Band4	20MHz	16QAM	20050	100RB#0	17.870	18.92	PASS
Band4	20MHz	16QAM	20175	100RB#0	17.910	18.94	PASS
Band4	20MHz	16QAM	20300	100RB#0	17.971	18.98	PASS



**Test Graphs**

Band4-1.4MHz-QPSK-19957-6RB#0-1.0899



Band4-1.4MHz-QPSK-20175-6RB#0-1.0871



Band4-1.4MHz-QPSK-20393-6RB#0-1.0906



Band4-1.4MHz-16QAM-19957-6RB#0-1.0875



Band4-1.4MHz-16QAM-20175-6RB#0-1.0879



Band4-1.4MHz-16QAM-20393-6RB#0-1.0893



Band4-3MHz-QPSK-19965-15RB#0-2.6943



Band4-3MHz-QPSK-20175-15RB#0-2.6943



Band4-3MHz-QPSK-20385-15RB#0-2.6945



Band4-3MHz-16QAM-19965-15RB#0-2.6893



Band4-3MHz-16QAM-20175-15RB#0-2.6903



Band4-3MHz-16QAM-20385-15RB#0-2.6914





Band4-5MHz-QPSK-19975-25RB#0-4.4981



Band4-5MHz-QPSK-20175-25RB#0-4.4981



Band4-5MHz-QPSK-20375-25RB#0-4.4960





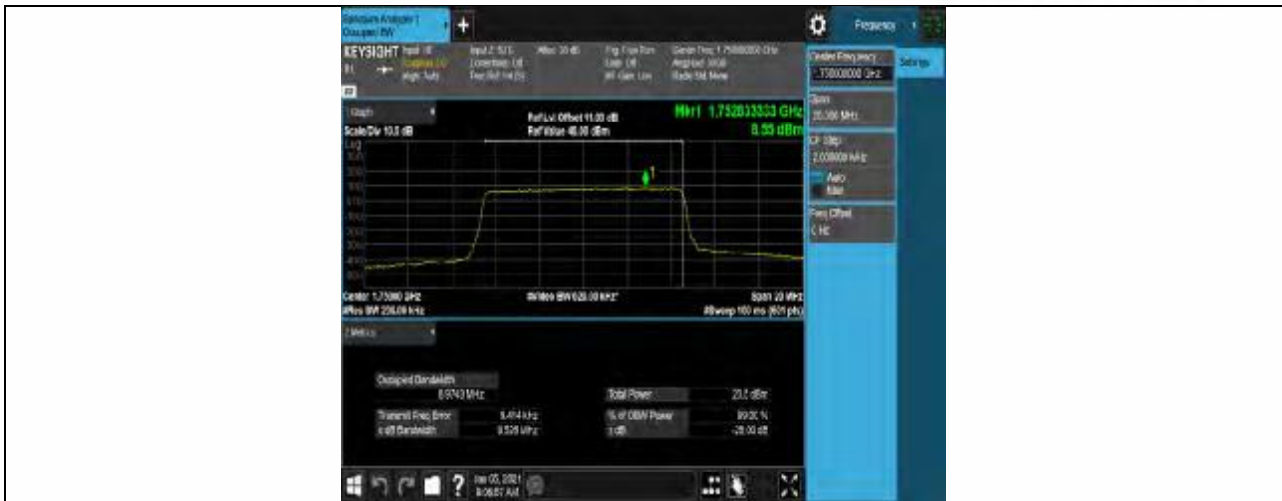
Band4-10MHz-QPSK-2000-50RB#0-8.9737



Band4-10MHz-QPSK-20175-50RB#0-8.9658



Band4-10MHz-QPSK-20350-50RB#0-8.9743



Band4-10MHz-16QAM-20000-50RB#0-8.9714



Band4-10MHz-16QAM-20175-50RB#0-8.9542



Band4-10MHz-16QAM-20350-50RB#0-8.9711



Band4-15MHz-QPSK-20025-75RB#0-13.444



Band4-15MHz-QPSK-20175-75RB#0-13.454



Band4-15MHz-QPSK-20325-75RB#0-13.458



Band4-15MHz-16QAM-20025-75RB#0-13.429



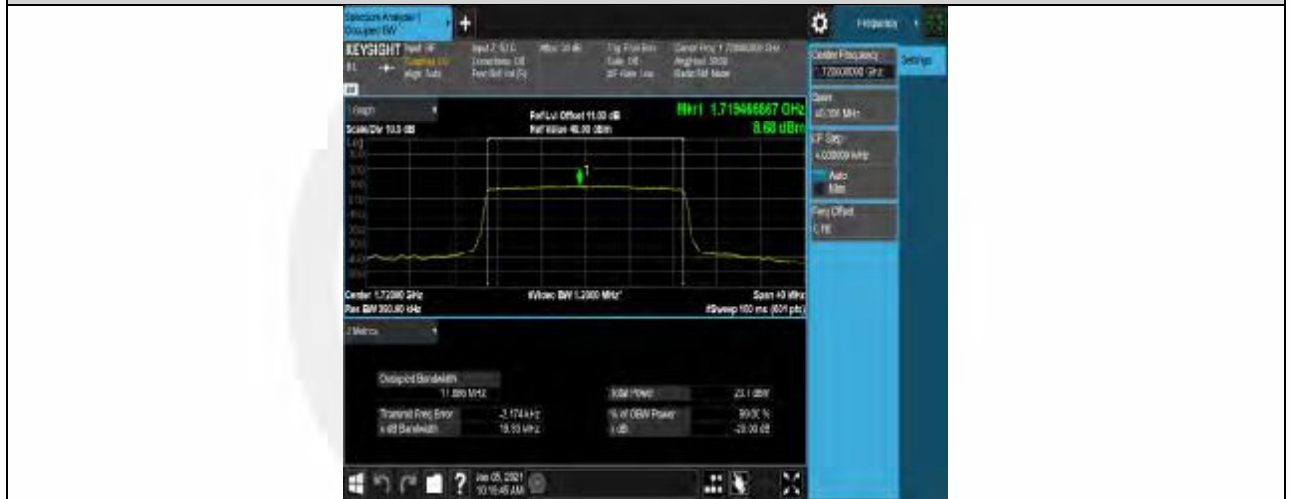
Band4-15MHz-16QAM-20175-75RB#0-13.437



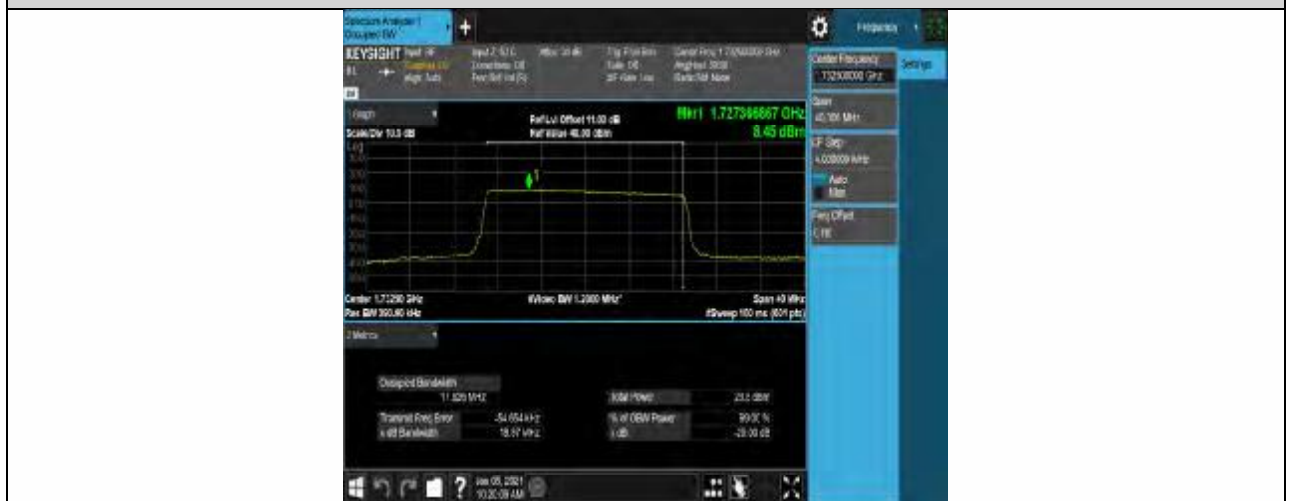
Band4-15MHz-16QAM-20325-75RB#0-13.451



Band4-20MHz-QPSK-20050-100RB#0-17.886



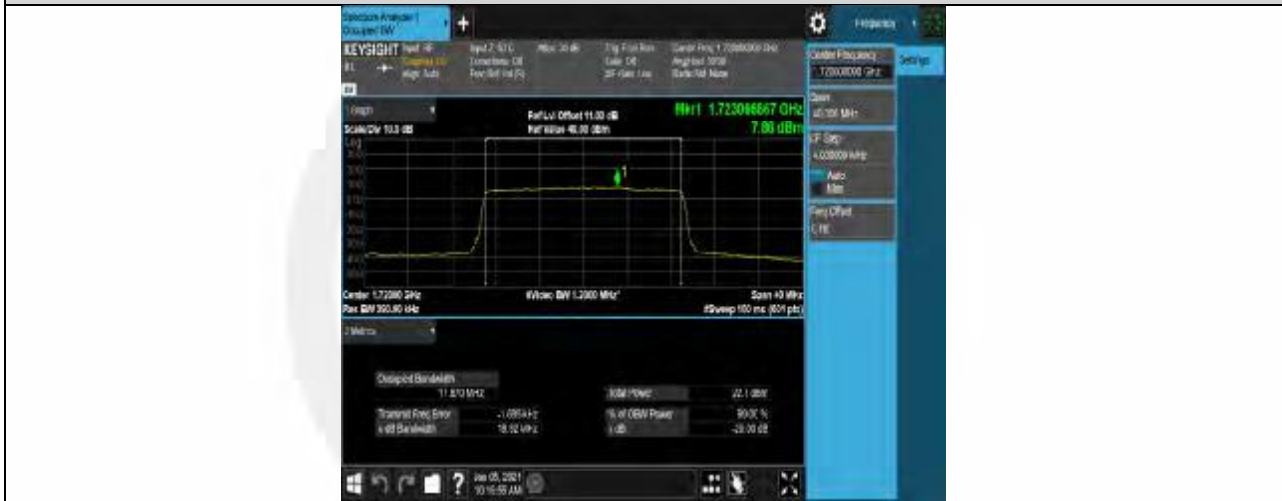
Band4-20MHz-QPSK-20175-100RB#0-17.926



Band4-20MHz-QPSK-20300-100RB#0-17.963



Band4-20MHz-16QAM-20050-100RB#0-17.870



Band4-20MHz-16QAM-20175-100RB#0-17.910



Band4-20MHz-16QAM-20300-100RB#0-17.971





## Appendix D: Band Edge

### Test Result

Band	Bandwidth	Modulation	Channel	RB Config.	Verdict
Band4	1.4MHz	QPSK	19957	1RB#0	PASS
Band4	1.4MHz	QPSK	19957	1RB#5	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	PASS
Band4	1.4MHz	QPSK	20393	1RB#0	PASS
Band4	1.4MHz	QPSK	20393	1RB#5	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	PASS
Band4	1.4MHz	16QAM	19957	1RB#0	PASS
Band4	1.4MHz	16QAM	19957	1RB#5	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	PASS
Band4	1.4MHz	16QAM	20393	1RB#0	PASS
Band4	1.4MHz	16QAM	20393	1RB#5	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	PASS
Band4	3MHz	QPSK	19965	1RB#0	PASS
Band4	3MHz	QPSK	19965	1RB#14	PASS
Band4	3MHz	QPSK	19965	15RB#0	PASS
Band4	3MHz	QPSK	20385	1RB#0	PASS
Band4	3MHz	QPSK	20385	1RB#14	PASS
Band4	3MHz	QPSK	20385	15RB#0	PASS
Band4	3MHz	16QAM	19965	1RB#0	PASS
Band4	3MHz	16QAM	19965	1RB#14	PASS
Band4	3MHz	16QAM	19965	15RB#0	PASS
Band4	3MHz	16QAM	20385	1RB#0	PASS
Band4	3MHz	16QAM	20385	1RB#14	PASS
Band4	3MHz	16QAM	20385	15RB#0	PASS
Band4	5MHz	QPSK	19975	1RB#0	PASS
Band4	5MHz	QPSK	19975	1RB#24	PASS
Band4	5MHz	QPSK	19975	25RB#0	PASS
Band4	5MHz	QPSK	20375	1RB#0	PASS
Band4	5MHz	QPSK	20375	1RB#24	PASS
Band4	5MHz	QPSK	20375	25RB#0	PASS
Band4	5MHz	16QAM	19975	1RB#0	PASS
Band4	5MHz	16QAM	19975	1RB#24	PASS
Band4	5MHz	16QAM	19975	25RB#0	PASS

Band4	5MHz	16QAM	20375	1RB#0	PASS
Band4	5MHz	16QAM	20375	1RB#24	PASS
Band4	5MHz	16QAM	20375	25RB#0	PASS
Band4	10MHz	QPSK	20000	1RB#0	PASS
Band4	10MHz	QPSK	20000	1RB#49	PASS
Band4	10MHz	QPSK	20000	50RB#0	PASS
Band4	10MHz	QPSK	20350	1RB#0	PASS
Band4	10MHz	QPSK	20350	1RB#49	PASS
Band4	10MHz	QPSK	20350	50RB#0	PASS
Band4	10MHz	16QAM	20000	1RB#0	PASS
Band4	10MHz	16QAM	20000	1RB#49	PASS
Band4	10MHz	16QAM	20000	50RB#0	PASS
Band4	10MHz	16QAM	20350	1RB#0	PASS
Band4	10MHz	16QAM	20350	1RB#49	PASS
Band4	10MHz	16QAM	20350	50RB#0	PASS
Band4	15MHz	QPSK	20025	1RB#0	PASS
Band4	15MHz	QPSK	20025	1RB#74	PASS
Band4	15MHz	QPSK	20025	75RB#0	PASS
Band4	15MHz	QPSK	20325	1RB#0	PASS
Band4	15MHz	QPSK	20325	1RB#74	PASS
Band4	15MHz	QPSK	20325	75RB#0	PASS
Band4	15MHz	16QAM	20025	1RB#0	PASS
Band4	15MHz	16QAM	20025	1RB#74	PASS
Band4	15MHz	16QAM	20025	75RB#0	PASS
Band4	15MHz	16QAM	20325	1RB#0	PASS
Band4	15MHz	16QAM	20325	1RB#74	PASS
Band4	15MHz	16QAM	20325	75RB#0	PASS
Band4	20MHz	QPSK	20050	1RB#0	PASS
Band4	20MHz	QPSK	20050	1RB#99	PASS
Band4	20MHz	QPSK	20050	100RB#0	PASS
Band4	20MHz	QPSK	20300	1RB#0	PASS
Band4	20MHz	QPSK	20300	1RB#99	PASS
Band4	20MHz	QPSK	20300	100RB#0	PASS
Band4	20MHz	16QAM	20050	1RB#0	PASS
Band4	20MHz	16QAM	20050	1RB#99	PASS
Band4	20MHz	16QAM	20050	100RB#0	PASS
Band4	20MHz	16QAM	20300	1RB#0	PASS

Band4	20MHz	16QAM	20300	1RB#99	PASS
Band4	20MHz	16QAM	20300	100RB#0	PASS



**Test Graphs**

**Band4-1.4MHz-QPSK-19957-1RB#0**



**Band4-1.4MHz-QPSK-19957-1RB#5**



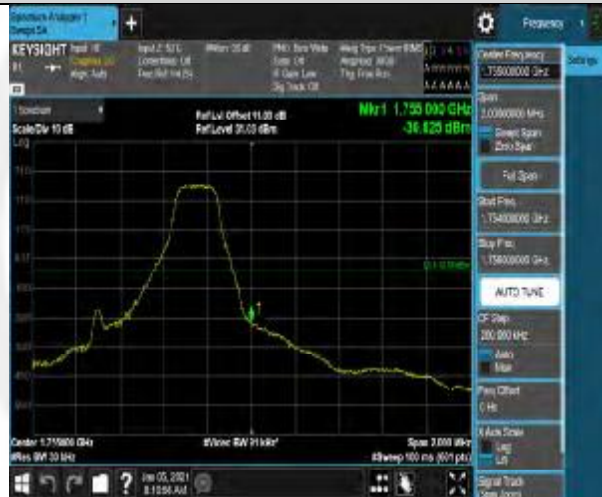
**Band4-1.4MHz-QPSK-19957-6RB#0**



Band4-1.4MHz-QPSK-20393-1RB#0



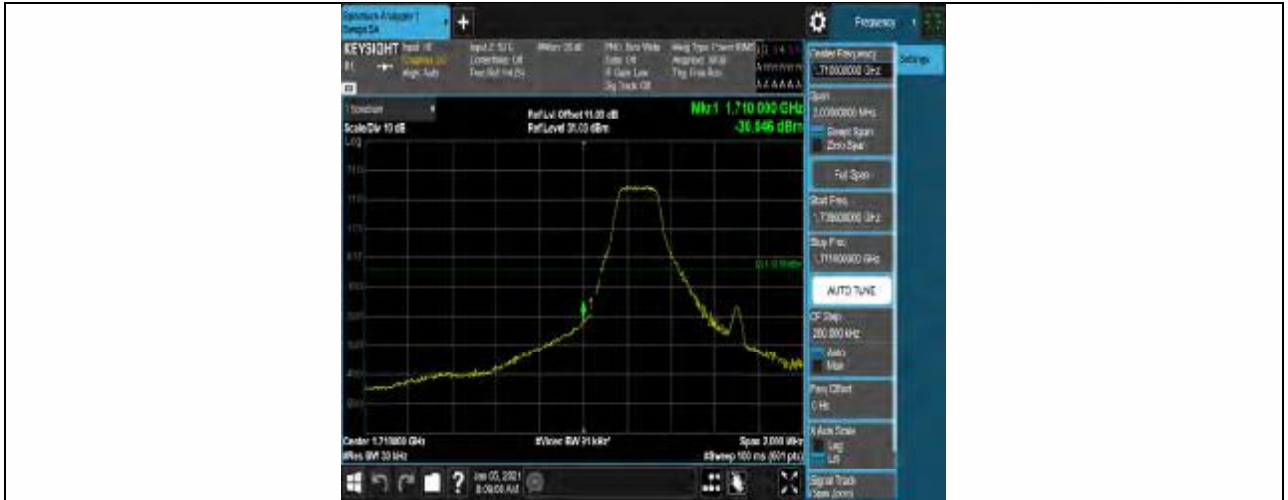
Band4-1.4MHz-QPSK-20393-1RB#5



Band4-1.4MHz-QPSK-20393-6RB#0



Band4-1.4MHz-16QAM-19957-1RB#0



Band4-1.4MHz-16QAM-19957-1RB#5



Band4-1.4MHz-16QAM-19957-6RB#0



Band4-1.4MHz-16QAM-20393-1RB#0



Band4-1.4MHz-16QAM-20393-1RB#5

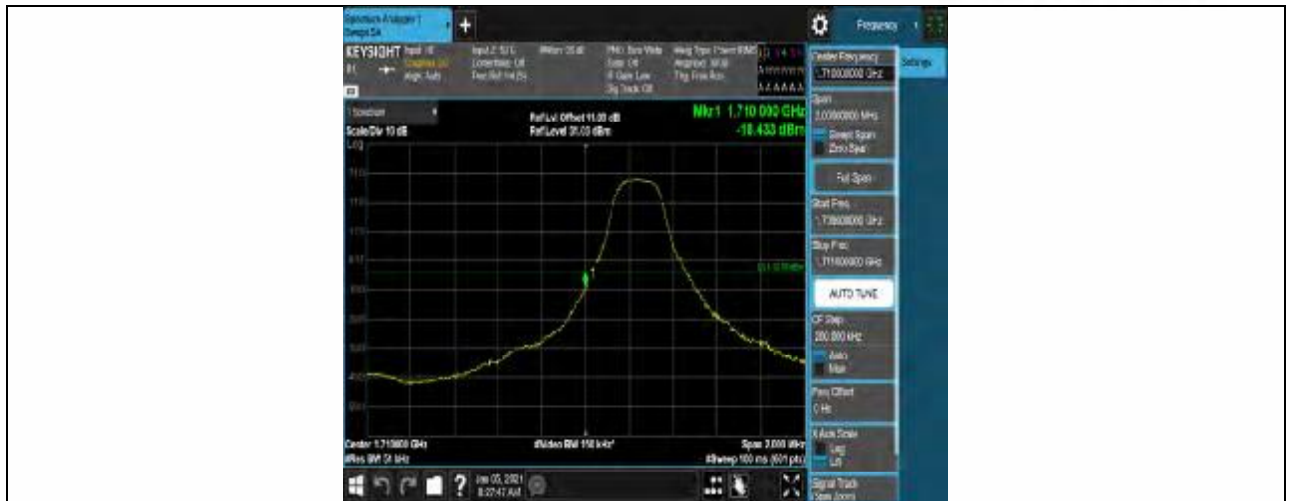


Band4-1.4MHz-16QAM-20393-6RB#0



Band4-3MHz-QPSK-19965-1RB#0





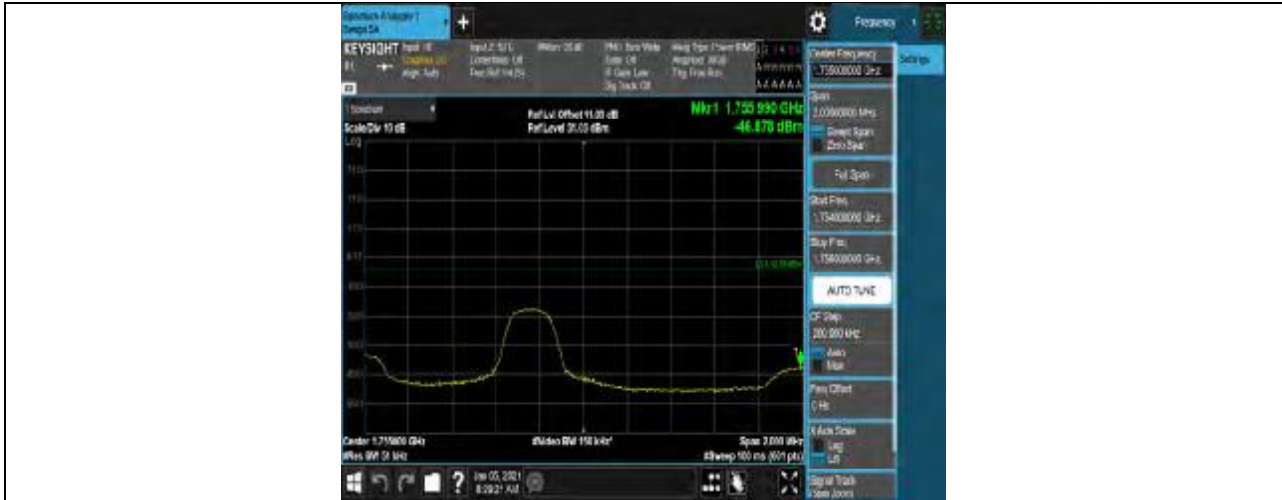
Band4-3MHz-QPSK-19965-1RB#14



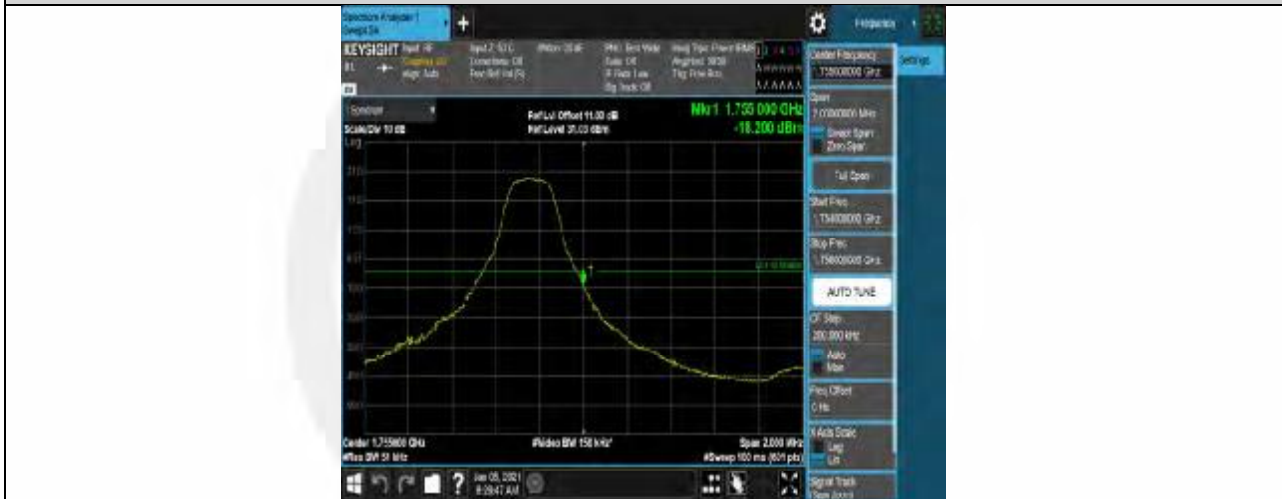
Band4-3MHz-QPSK-19965-15RB#0



Band4-3MHz-QPSK-20385-1RB#0



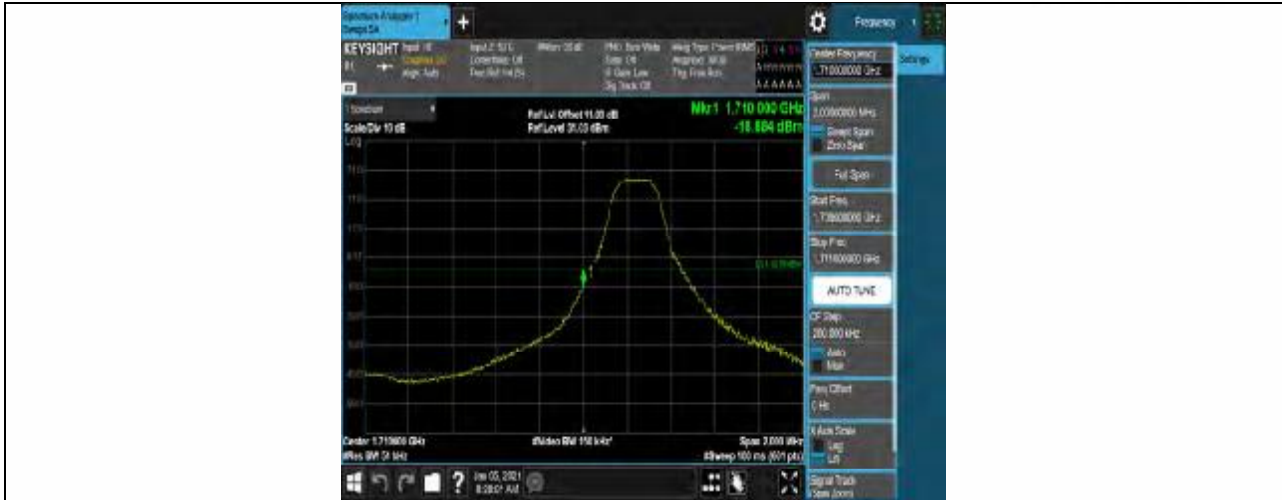
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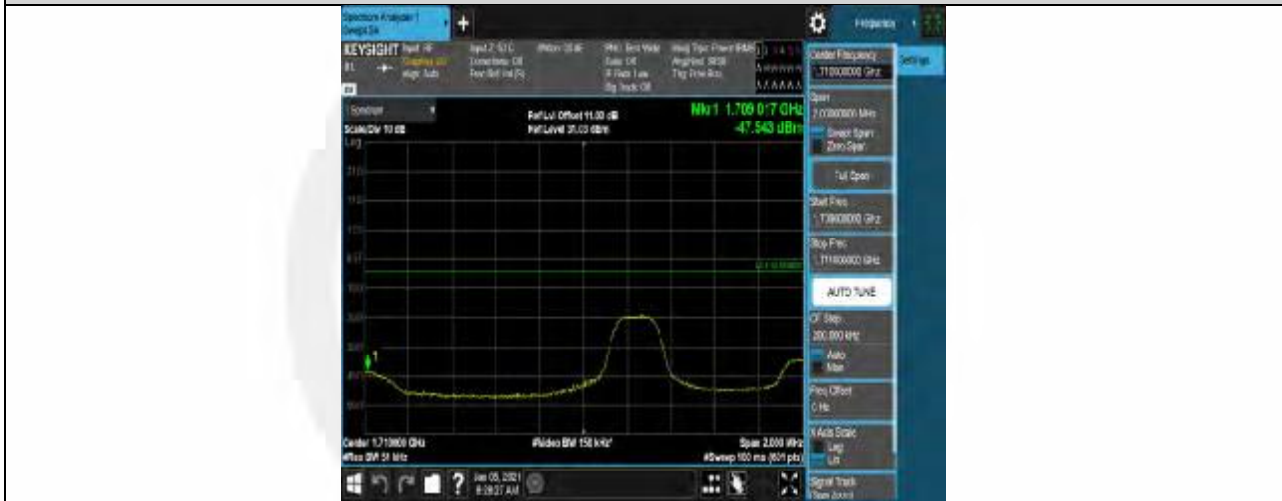
Band4-3MHz-QPSK-20385-15RB#0



Band4-3MHz-16QAM-19965-1RB#0



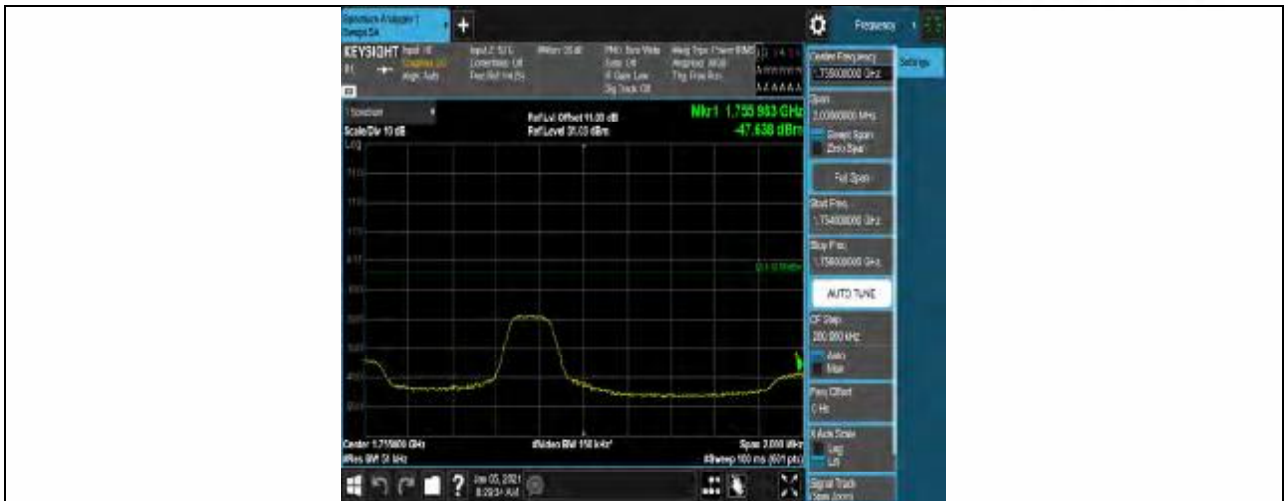
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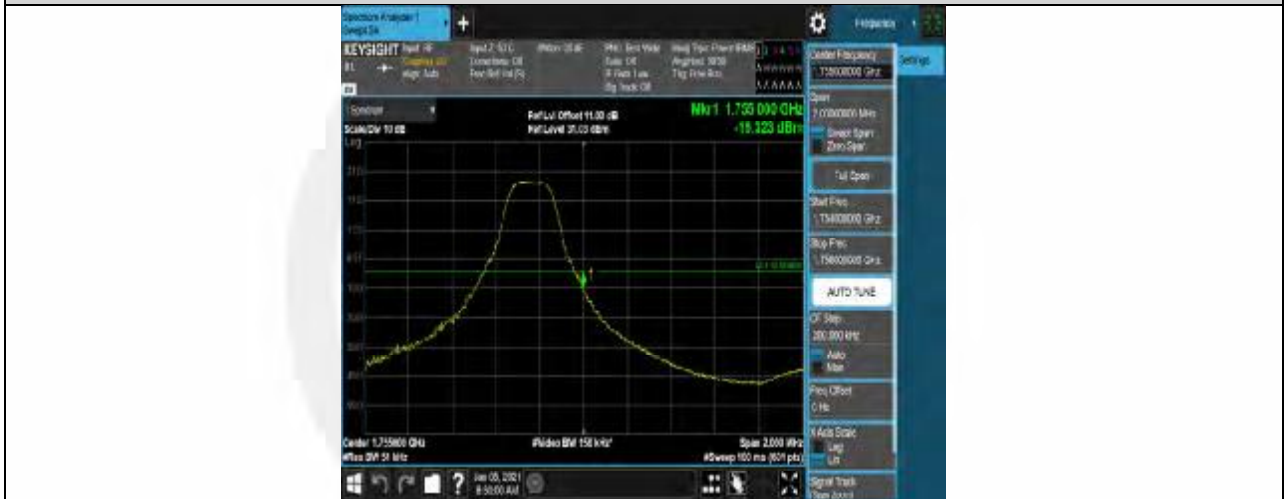
Band4-3MHz-16QAM-19965-15RB#0



Band4-3MHz-16QAM-20385-1RB#0



Band4-3MHz-16QAM-20385-1RB#14



Band4-3MHz-16QAM-20385-15RB#0



Band4-5MHz-QPSK-19975-1RB#0