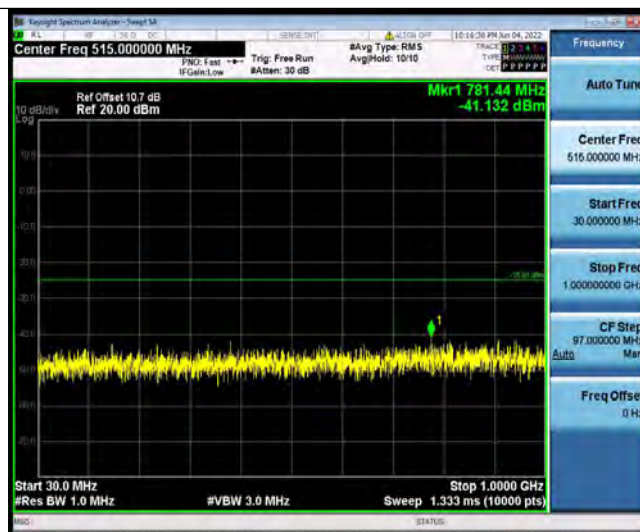
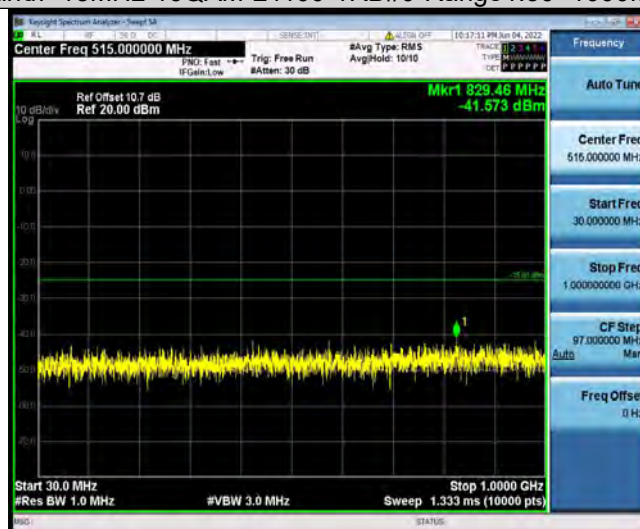




Band7-15MHz-16QAM-20825-1RB#0-Range2:1000~27000MHz



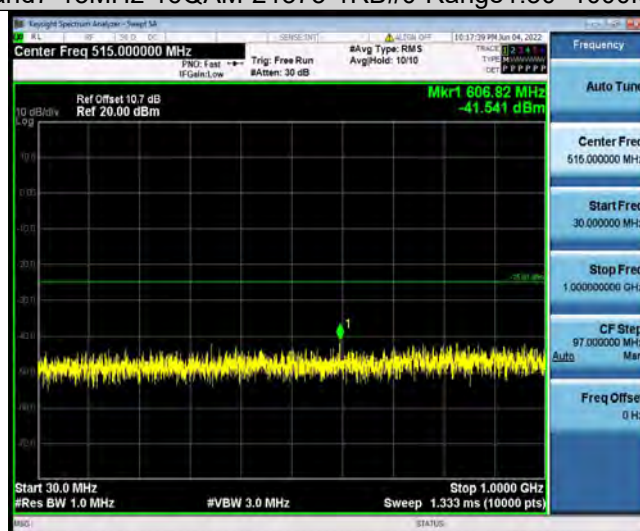
Band7-15MHz-16QAM-21100-1RB#0-Range1:30~1000MHz



Band7-15MHz-16QAM-21100-1RB#0-Range2:1000~27000MHz



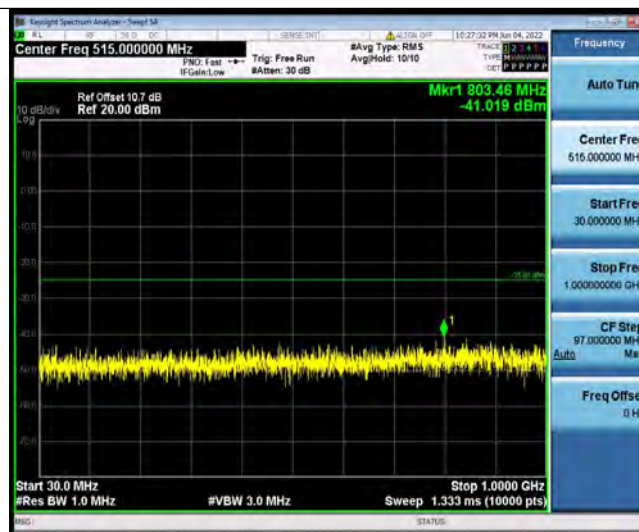
Band7-15MHz-16QAM-21375-1RB#0-Range1:30~1000MHz



Band7-15MHz-16QAM-21375-1RB#0-Range2:1000~27000MHz



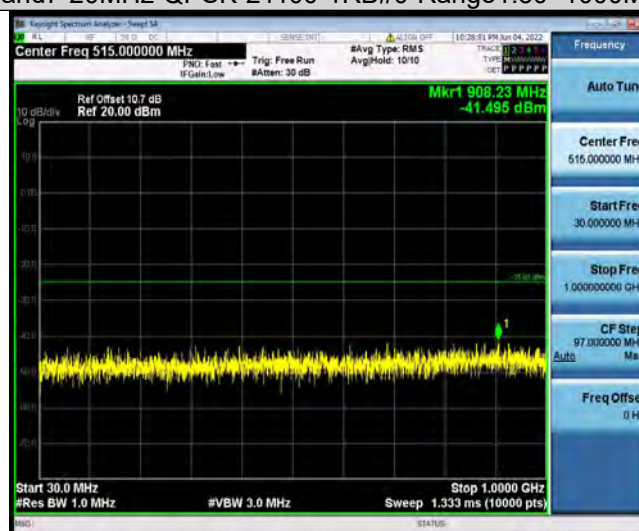
Band7-20MHz-QPSK-20850-1RB#0-Range1:30~1000MHz



Band7-20MHz-QPSK-20850-1RB#0-Range2:1000~27000MHz



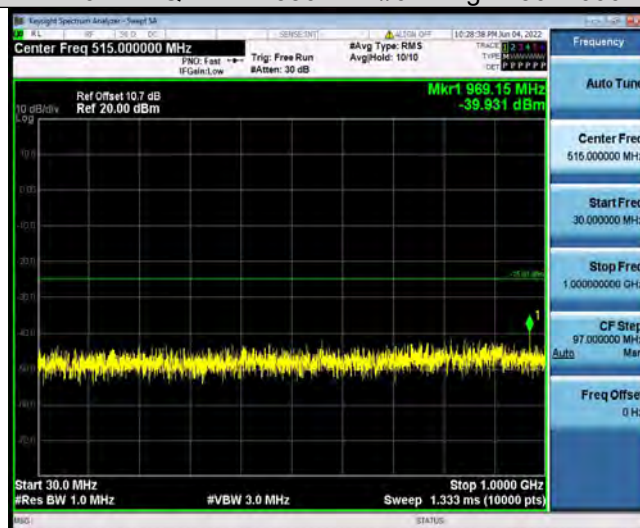
Band7-20MHz-QPSK-21100-1RB#0-Range1:30~1000MHz



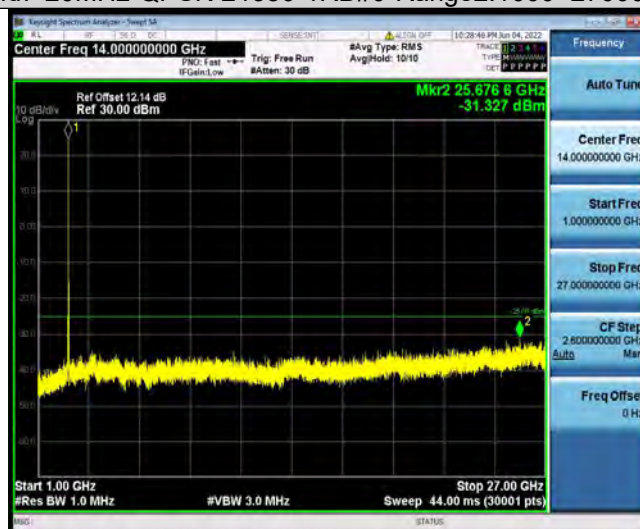
Band7-20MHz-QPSK-21100-1RB#0-Range2:1000~27000MHz



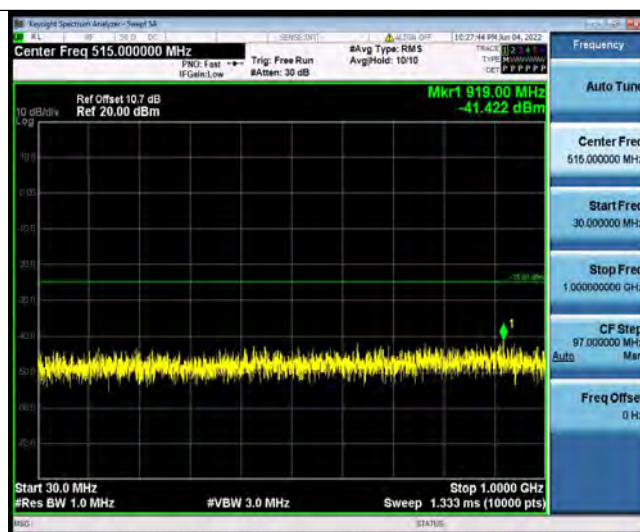
Band7-20MHz-QPSK-21350-1RB#0-Range1:30~1000MHz



Band7-20MHz-QPSK-21350-1RB#0-Range2:1000~27000MHz



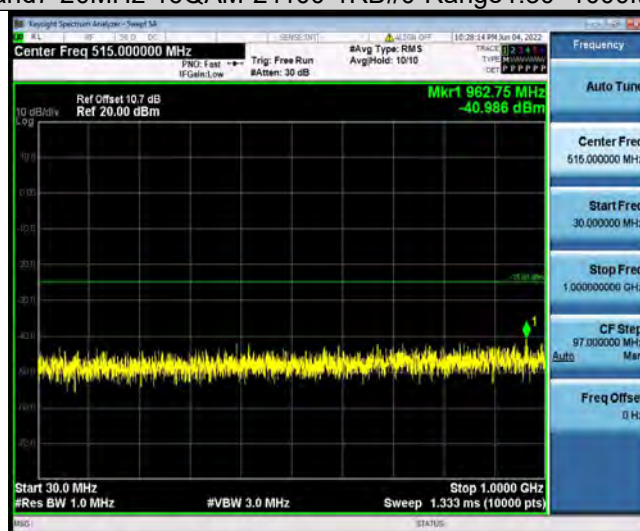
Band7-20MHz-16QAM-20850-1RB#0-Range1:30~1000MHz



Band7-20MHz-16QAM-20850-1RB#0-Range2:1000~27000MHz



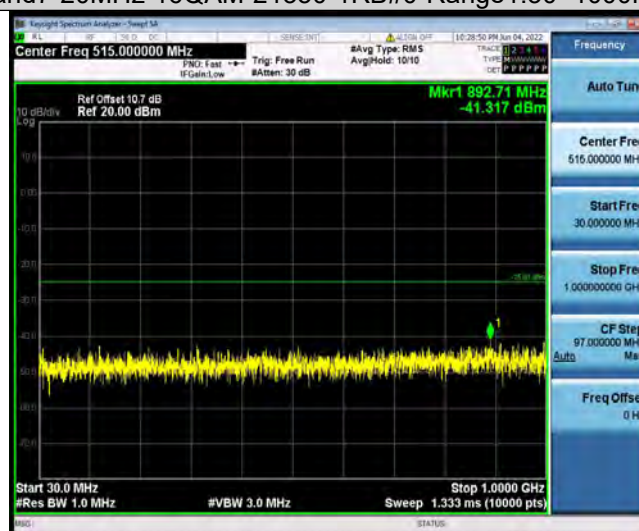
Band7-20MHz-16QAM-21100-1RB#0-Range1:30~1000MHz



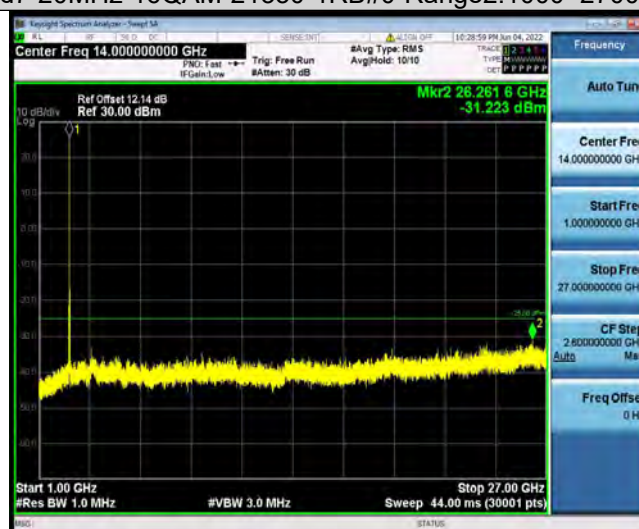
Band7-20MHz-16QAM-21100-1RB#0-Range2:1000~27000MHz



Band7-20MHz-16QAM-21350-1RB#0-Range1:30~1000MHz



Band7-20MHz-16QAM-21350-1RB#0-Range2:1000~27000MHz



FREQUENCY STABILITY

Test Result

Voltage										
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band7	5MHz	QPSK	20775	25RB#0	VL	NT	-14.09	-0.005630	±2.5	PASS
Band7	5MHz	QPSK	20775	25RB#0	VN	NT	-9.60	-0.003836	±2.5	PASS
Band7	5MHz	QPSK	20775	25RB#0	VH	NT	-9.40	-0.003756	±2.5	PASS
Band7	5MHz	QPSK	21100	25RB#0	VL	NT	-10.73	-0.004233	±2.5	PASS
Band7	5MHz	QPSK	21100	25RB#0	VN	NT	10.23	0.004036	±2.5	PASS
Band7	5MHz	QPSK	21100	25RB#0	VH	NT	-12.23	-0.004824	±2.5	PASS
Band7	5MHz	QPSK	21425	25RB#0	VL	NT	-4.82	-0.001877	±2.5	PASS
Band7	5MHz	QPSK	21425	25RB#0	VN	NT	13.96	0.005437	±2.5	PASS
Band7	5MHz	QPSK	21425	25RB#0	VH	NT	-13.43	-0.005231	±2.5	PASS
Band7	5MHz	16QAM	20775	25RB#0	VL	NT	-9.83	-0.003928	±2.5	PASS
Band7	5MHz	16QAM	20775	25RB#0	VN	NT	-15.31	-0.006118	±2.5	PASS
Band7	5MHz	16QAM	20775	25RB#0	VH	NT	-6.39	-0.002553	±2.5	PASS
Band7	5MHz	16QAM	21100	25RB#0	VL	NT	-7.62	-0.003006	±2.5	PASS
Band7	5MHz	16QAM	21100	25RB#0	VN	NT	-5.15	-0.002032	±2.5	PASS
Band7	5MHz	16QAM	21100	25RB#0	VH	NT	-11.27	-0.004446	±2.5	PASS
Band7	5MHz	16QAM	21425	25RB#0	VL	NT	-10.36	-0.004035	±2.5	PASS
Band7	5MHz	16QAM	21425	25RB#0	VN	NT	-10.36	-0.004035	±2.5	PASS
Band7	5MHz	16QAM	21425	25RB#0	VH	NT	-14.56	-0.005671	±2.5	PASS
Band7	10MHz	QPSK	20800	50RB#0	VL	NT	-9.43	-0.003764	±2.5	PASS
Band7	10MHz	QPSK	20800	50RB#0	VN	NT	-17.68	-0.007058	±2.5	PASS
Band7	10MHz	QPSK	20800	50RB#0	VH	NT	-11.27	-0.004499	±2.5	PASS
Band7	10MHz	QPSK	21100	50RB#0	VL	NT	-14.56	-0.005744	±2.5	PASS
Band7	10MHz	QPSK	21100	50RB#0	VN	NT	10.16	0.004008	±2.5	PASS
Band7	10MHz	QPSK	21100	50RB#0	VH	NT	-13.63	-0.005377	±2.5	PASS
Band7	10MHz	QPSK	21400	50RB#0	VL	NT	-10.04	-0.003914	±2.5	PASS
Band7	10MHz	QPSK	21400	50RB#0	VN	NT	11.03	0.004300	±2.5	PASS
Band7	10MHz	QPSK	21400	50RB#0	VH	NT	-11.39	-0.004441	±2.5	PASS
Band7	10MHz	16QAM	20800	27RB#0	VL	NT	-9.80	-0.003912	±2.5	PASS
Band7	10MHz	16QAM	20800	27RB#0	VN	NT	-11.62	-0.004639	±2.5	PASS
Band7	10MHz	16QAM	20800	27RB#0	VH	NT	-10.27	-0.004100	±2.5	PASS
Band7	10MHz	16QAM	21100	27RB#0	VL	NT	-10.60	-0.004181	±2.5	PASS
Band7	10MHz	16QAM	21100	27RB#0	VN	NT	-6.91	-0.002726	±2.5	PASS
Band7	10MHz	16QAM	21100	27RB#0	VH	NT	-15.75	-0.006213	±2.5	PASS
Band7	10MHz	16QAM	21400	27RB#0	VL	NT	-10.41	-0.004058	±2.5	PASS
Band7	10MHz	16QAM	21400	27RB#0	VN	NT	-12.57	-0.004901	±2.5	PASS
Band7	10MHz	16QAM	21400	27RB#0	VH	NT	-14.28	-0.005567	±2.5	PASS
Band7	15MHz	QPSK	20825	75RB#0	VL	NT	-10.04	-0.004004	±2.5	PASS
Band7	15MHz	QPSK	20825	75RB#0	VN	NT	-14.89	-0.005938	±2.5	PASS
Band7	15MHz	QPSK	20825	75RB#0	VH	NT	-12.00	-0.004786	±2.5	PASS
Band7	15MHz	QPSK	21100	75RB#0	VL	NT	-12.63	-0.004982	±2.5	PASS



**BUREAU
VERITAS**

Test Report No.: PSU-NQN2204290110RF03

Band7	15MHz	QPSK	21100	75RB#0	VN	NT	4.96	0.001957	±2.5	PASS
Band7	15MHz	QPSK	21100	75RB#0	VH	NT	-12.87	-0.005077	±2.5	PASS
Band7	15MHz	QPSK	21375	75RB#0	VL	NT	-11.33	-0.004421	±2.5	PASS
Band7	15MHz	QPSK	21375	75RB#0	VN	NT	9.24	0.003606	±2.5	PASS
Band7	15MHz	QPSK	21375	75RB#0	VH	NT	-10.73	-0.004187	±2.5	PASS
Band7	15MHz	16QAM	20825	27RB#0	VL	NT	-5.42	-0.002162	±2.5	PASS
Band7	15MHz	16QAM	20825	27RB#0	VN	NT	-9.01	-0.003593	±2.5	PASS
Band7	15MHz	16QAM	20825	27RB#0	VH	NT	-10.54	-0.004203	±2.5	PASS
Band7	15MHz	16QAM	21100	27RB#0	VL	NT	-10.36	-0.004087	±2.5	PASS
Band7	15MHz	16QAM	21100	27RB#0	VN	NT	8.10	0.003195	±2.5	PASS
Band7	15MHz	16QAM	21100	27RB#0	VH	NT	-10.03	-0.003957	±2.5	PASS
Band7	15MHz	16QAM	21375	27RB#0	VL	NT	-14.48	-0.005651	±2.5	PASS
Band7	15MHz	16QAM	21375	27RB#0	VN	NT	8.73	0.003407	±2.5	PASS
Band7	15MHz	16QAM	21375	27RB#0	VH	NT	-14.02	-0.005471	±2.5	PASS
Band7	20MHz	QPSK	20850	100RB#0	VL	NT	-13.62	-0.005426	±2.5	PASS
Band7	20MHz	QPSK	20850	100RB#0	VN	NT	-9.91	-0.003948	±2.5	PASS
Band7	20MHz	QPSK	20850	100RB#0	VH	NT	-11.16	-0.004446	±2.5	PASS
Band7	20MHz	QPSK	21100	100RB#0	VL	NT	-10.17	-0.004012	±2.5	PASS
Band7	20MHz	QPSK	21100	100RB#0	VN	NT	3.65	0.001440	±2.5	PASS
Band7	20MHz	QPSK	21100	100RB#0	VH	NT	-7.70	-0.003037	±2.5	PASS
Band7	20MHz	QPSK	21350	100RB#0	VL	NT	-10.70	-0.004180	±2.5	PASS
Band7	20MHz	QPSK	21350	100RB#0	VN	NT	9.47	0.003699	±2.5	PASS
Band7	20MHz	QPSK	21350	100RB#0	VH	NT	-12.36	-0.004828	±2.5	PASS
Band7	20MHz	16QAM	20850	27RB#0	VL	NT	-11.54	-0.004598	±2.5	PASS
Band7	20MHz	16QAM	20850	27RB#0	VN	NT	-7.68	-0.003060	±2.5	PASS
Band7	20MHz	16QAM	20850	27RB#0	VH	NT	-8.15	-0.003247	±2.5	PASS
Band7	20MHz	16QAM	21100	27RB#0	VL	NT	-12.30	-0.004852	±2.5	PASS
Band7	20MHz	16QAM	21100	27RB#0	VN	NT	-5.99	-0.002363	±2.5	PASS
Band7	20MHz	16QAM	21100	27RB#0	VH	NT	-10.30	-0.004063	±2.5	PASS
Band7	20MHz	16QAM	21350	27RB#0	VL	NT	-16.47	-0.006434	±2.5	PASS
Band7	20MHz	16QAM	21350	27RB#0	VN	NT	-15.12	-0.005906	±2.5	PASS
Band7	20MHz	16QAM	21350	27RB#0	VH	NT	-9.93	-0.003879	±2.5	PASS

Temperature										
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band7	5MHz	QPSK	20775	25RB#0	NV	-30	-12.66	-0.005059	±2.5	PASS
Band7	5MHz	QPSK	20775	25RB#0	NV	-20	-8.54	-0.003413	±2.5	PASS
Band7	5MHz	QPSK	20775	25RB#0	NV	0	-13.20	-0.005275	±2.5	PASS
Band7	5MHz	QPSK	20775	25RB#0	NV	10	-11.54	-0.004611	±2.5	PASS
Band7	5MHz	QPSK	20775	25RB#0	NV	20	-8.87	-0.003544	±2.5	PASS
Band7	5MHz	QPSK	20775	25RB#0	NV	30	-8.01	-0.003201	±2.5	PASS
Band7	5MHz	QPSK	20775	25RB#0	NV	40	-10.47	-0.004184	±2.5	PASS
Band7	5MHz	QPSK	20775	25RB#0	NV	50	-8.58	-0.003429	±2.5	PASS
Band7	5MHz	QPSK	21100	25RB#0	NV	-30	-17.88	-0.007053	±2.5	PASS
Band7	5MHz	QPSK	21100	25RB#0	NV	-20	-9.47	-0.003736	±2.5	PASS
Band7	5MHz	QPSK	21100	25RB#0	NV	0	-13.23	-0.005219	±2.5	PASS
Band7	5MHz	QPSK	21100	25RB#0	NV	10	-10.19	-0.004020	±2.5	PASS
Band7	5MHz	QPSK	21100	25RB#0	NV	20	-14.06	-0.005546	±2.5	PASS
Band7	5MHz	QPSK	21100	25RB#0	NV	30	-8.77	-0.003460	±2.5	PASS



**BUREAU
VERITAS**

Test Report No.: PSU-NQN2204290110RF03

Band7	5MHz	QPSK	21100	25RB#0	NV	40	-9.94	-0.003921	±2.5	PASS
Band7	5MHz	QPSK	21100	25RB#0	NV	50	-10.74	-0.004237	±2.5	PASS
Band7	5MHz	QPSK	21425	25RB#0	NV	-30	-6.42	-0.002500	±2.5	PASS
Band7	5MHz	QPSK	21425	25RB#0	NV	-20	-12.50	-0.004869	±2.5	PASS
Band7	5MHz	QPSK	21425	25RB#0	NV	0	-14.36	-0.005593	±2.5	PASS
Band7	5MHz	QPSK	21425	25RB#0	NV	10	-12.15	-0.004732	±2.5	PASS
Band7	5MHz	QPSK	21425	25RB#0	NV	20	-13.29	-0.005176	±2.5	PASS
Band7	5MHz	QPSK	21425	25RB#0	NV	30	-10.13	-0.003945	±2.5	PASS
Band7	5MHz	QPSK	21425	25RB#0	NV	40	-11.67	-0.004545	±2.5	PASS
Band7	5MHz	QPSK	21425	25RB#0	NV	50	-11.39	-0.004436	±2.5	PASS
Band7	5MHz	16QAM	20775	25RB#0	NV	-30	-14.18	-0.005666	±2.5	PASS
Band7	5MHz	16QAM	20775	25RB#0	NV	-20	-5.79	-0.002314	±2.5	PASS
Band7	5MHz	16QAM	20775	25RB#0	NV	0	5.11	0.002042	±2.5	PASS
Band7	5MHz	16QAM	20775	25RB#0	NV	10	-8.27	-0.003305	±2.5	PASS
Band7	5MHz	16QAM	20775	25RB#0	NV	20	-9.73	-0.003888	±2.5	PASS
Band7	5MHz	16QAM	20775	25RB#0	NV	30	-10.11	-0.004040	±2.5	PASS
Band7	5MHz	16QAM	20775	25RB#0	NV	40	-3.95	-0.001578	±2.5	PASS
Band7	5MHz	16QAM	20775	25RB#0	NV	50	-10.41	-0.004160	±2.5	PASS
Band7	5MHz	16QAM	21100	25RB#0	NV	-30	-12.23	-0.004824	±2.5	PASS
Band7	5MHz	16QAM	21100	25RB#0	NV	-20	-8.31	-0.003278	±2.5	PASS
Band7	5MHz	16QAM	21100	25RB#0	NV	0	-7.25	-0.002860	±2.5	PASS
Band7	5MHz	16QAM	21100	25RB#0	NV	10	-6.28	-0.002477	±2.5	PASS
Band7	5MHz	16QAM	21100	25RB#0	NV	20	-13.38	-0.005278	±2.5	PASS
Band7	5MHz	16QAM	21100	25RB#0	NV	30	-9.80	-0.003866	±2.5	PASS
Band7	5MHz	16QAM	21100	25RB#0	NV	40	-6.64	-0.002619	±2.5	PASS
Band7	5MHz	16QAM	21100	25RB#0	NV	50	-10.57	-0.004170	±2.5	PASS
Band7	5MHz	16QAM	21425	25RB#0	NV	-30	-10.94	-0.004261	±2.5	PASS
Band7	5MHz	16QAM	21425	25RB#0	NV	-20	-15.15	-0.005901	±2.5	PASS
Band7	5MHz	16QAM	21425	25RB#0	NV	0	-11.56	-0.004502	±2.5	PASS
Band7	5MHz	16QAM	21425	25RB#0	NV	10	-15.61	-0.006080	±2.5	PASS
Band7	5MHz	16QAM	21425	25RB#0	NV	20	-12.10	-0.004713	±2.5	PASS
Band7	5MHz	16QAM	21425	25RB#0	NV	30	-10.46	-0.004074	±2.5	PASS
Band7	5MHz	16QAM	21425	25RB#0	NV	40	-12.25	-0.004771	±2.5	PASS
Band7	5MHz	16QAM	21425	25RB#0	NV	50	-11.03	-0.004296	±2.5	PASS
Band7	10MHz	QPSK	20800	50RB#0	NV	-30	-13.28	-0.005301	±2.5	PASS
Band7	10MHz	QPSK	20800	50RB#0	NV	-20	-14.51	-0.005792	±2.5	PASS
Band7	10MHz	QPSK	20800	50RB#0	NV	0	-8.50	-0.003393	±2.5	PASS
Band7	10MHz	QPSK	20800	50RB#0	NV	10	-12.83	-0.005122	±2.5	PASS
Band7	10MHz	QPSK	20800	50RB#0	NV	20	-13.39	-0.005345	±2.5	PASS
Band7	10MHz	QPSK	20800	50RB#0	NV	30	-10.43	-0.004164	±2.5	PASS
Band7	10MHz	QPSK	20800	50RB#0	NV	40	-13.25	-0.005289	±2.5	PASS
Band7	10MHz	QPSK	20800	50RB#0	NV	50	-10.89	-0.004347	±2.5	PASS
Band7	10MHz	QPSK	21100	50RB#0	NV	-30	-16.22	-0.006398	±2.5	PASS
Band7	10MHz	QPSK	21100	50RB#0	NV	-20	-13.06	-0.005152	±2.5	PASS
Band7	10MHz	QPSK	21100	50RB#0	NV	0	-8.84	-0.003487	±2.5	PASS
Band7	10MHz	QPSK	21100	50RB#0	NV	10	-11.04	-0.004355	±2.5	PASS
Band7	10MHz	QPSK	21100	50RB#0	NV	20	-9.78	-0.003858	±2.5	PASS
Band7	10MHz	QPSK	21100	50RB#0	NV	30	-10.41	-0.004107	±2.5	PASS
Band7	10MHz	QPSK	21100	50RB#0	NV	40	-16.16	-0.006375	±2.5	PASS
Band7	10MHz	QPSK	21100	50RB#0	NV	50	-9.84	-0.003882	±2.5	PASS
Band7	10MHz	QPSK	21400	50RB#0	NV	-30	-15.74	-0.006136	±2.5	PASS



Test Report No.: PSU-NQN2204290110RF03

Band7	10MHz	QPSK	21400	50RB#0	NV	-20	-10.13	-0.003949	±2.5	PASS
Band7	10MHz	QPSK	21400	50RB#0	NV	0	-15.05	-0.005867	±2.5	PASS
Band7	10MHz	QPSK	21400	50RB#0	NV	10	-8.34	-0.003251	±2.5	PASS
Band7	10MHz	QPSK	21400	50RB#0	NV	20	-14.02	-0.005466	±2.5	PASS
Band7	10MHz	QPSK	21400	50RB#0	NV	30	-17.40	-0.006784	±2.5	PASS
Band7	10MHz	QPSK	21400	50RB#0	NV	40	-14.15	-0.005517	±2.5	PASS
Band7	10MHz	QPSK	21400	50RB#0	NV	50	-12.45	-0.004854	±2.5	PASS
Band7	10MHz	16QAM	20800	27RB#0	NV	-30	-13.53	-0.005401	±2.5	PASS
Band7	10MHz	16QAM	20800	27RB#0	NV	-20	-8.61	-0.003437	±2.5	PASS
Band7	10MHz	16QAM	20800	27RB#0	NV	0	-7.90	-0.003154	±2.5	PASS
Band7	10MHz	16QAM	20800	27RB#0	NV	10	-8.47	-0.003381	±2.5	PASS
Band7	10MHz	16QAM	20800	27RB#0	NV	20	-7.24	-0.002890	±2.5	PASS
Band7	10MHz	16QAM	20800	27RB#0	NV	30	-14.08	-0.005621	±2.5	PASS
Band7	10MHz	16QAM	20800	27RB#0	NV	40	-11.79	-0.004707	±2.5	PASS
Band7	10MHz	16QAM	20800	27RB#0	NV	50	-7.71	-0.003078	±2.5	PASS
Band7	10MHz	16QAM	21100	27RB#0	NV	-30	-12.69	-0.005006	±2.5	PASS
Band7	10MHz	16QAM	21100	27RB#0	NV	-20	-18.81	-0.007420	±2.5	PASS
Band7	10MHz	16QAM	21100	27RB#0	NV	0	-15.64	-0.006170	±2.5	PASS
Band7	10MHz	16QAM	21100	27RB#0	NV	10	-12.45	-0.004911	±2.5	PASS
Band7	10MHz	16QAM	21100	27RB#0	NV	20	-14.63	-0.005771	±2.5	PASS
Band7	10MHz	16QAM	21100	27RB#0	NV	30	-14.15	-0.005582	±2.5	PASS
Band7	10MHz	16QAM	21100	27RB#0	NV	40	-16.61	-0.006552	±2.5	PASS
Band7	10MHz	16QAM	21100	27RB#0	NV	50	-11.89	-0.004690	±2.5	PASS
Band7	10MHz	16QAM	21400	27RB#0	NV	-30	-11.59	-0.004519	±2.5	PASS
Band7	10MHz	16QAM	21400	27RB#0	NV	-20	-19.01	-0.007411	±2.5	PASS
Band7	10MHz	16QAM	21400	27RB#0	NV	0	-13.18	-0.005138	±2.5	PASS
Band7	10MHz	16QAM	21400	27RB#0	NV	10	-14.03	-0.005470	±2.5	PASS
Band7	10MHz	16QAM	21400	27RB#0	NV	20	-12.00	-0.004678	±2.5	PASS
Band7	10MHz	16QAM	21400	27RB#0	NV	30	-9.43	-0.003676	±2.5	PASS
Band7	10MHz	16QAM	21400	27RB#0	NV	40	-14.82	-0.005778	±2.5	PASS
Band7	10MHz	16QAM	21400	27RB#0	NV	50	-18.41	-0.007177	±2.5	PASS
Band7	15MHz	QPSK	20825	75RB#0	NV	-30	-16.92	-0.006748	±2.5	PASS
Band7	15MHz	QPSK	20825	75RB#0	NV	-20	-9.80	-0.003908	±2.5	PASS
Band7	15MHz	QPSK	20825	75RB#0	NV	0	-12.80	-0.005105	±2.5	PASS
Band7	15MHz	QPSK	20825	75RB#0	NV	10	-13.96	-0.005567	±2.5	PASS
Band7	15MHz	QPSK	20825	75RB#0	NV	20	-11.10	-0.004427	±2.5	PASS
Band7	15MHz	QPSK	20825	75RB#0	NV	30	-11.29	-0.004502	±2.5	PASS
Band7	15MHz	QPSK	20825	75RB#0	NV	40	-12.69	-0.005061	±2.5	PASS
Band7	15MHz	QPSK	20825	75RB#0	NV	50	-10.57	-0.004215	±2.5	PASS
Band7	15MHz	QPSK	21100	75RB#0	NV	-30	-9.80	-0.003866	±2.5	PASS
Band7	15MHz	QPSK	21100	75RB#0	NV	-20	-9.80	-0.003866	±2.5	PASS
Band7	15MHz	QPSK	21100	75RB#0	NV	0	-12.50	-0.004931	±2.5	PASS
Band7	15MHz	QPSK	21100	75RB#0	NV	10	-10.46	-0.004126	±2.5	PASS
Band7	15MHz	QPSK	21100	75RB#0	NV	20	-8.71	-0.003436	±2.5	PASS
Band7	15MHz	QPSK	21100	75RB#0	NV	30	-11.57	-0.004564	±2.5	PASS
Band7	15MHz	QPSK	21100	75RB#0	NV	40	-6.32	-0.002493	±2.5	PASS
Band7	15MHz	QPSK	21100	75RB#0	NV	50	-13.56	-0.005349	±2.5	PASS
Band7	15MHz	QPSK	21375	75RB#0	NV	-30	-14.45	-0.005639	±2.5	PASS
Band7	15MHz	QPSK	21375	75RB#0	NV	-20	-6.35	-0.002478	±2.5	PASS
Band7	15MHz	QPSK	21375	75RB#0	NV	0	-9.50	-0.003707	±2.5	PASS
Band7	15MHz	QPSK	21375	75RB#0	NV	10	-13.12	-0.005120	±2.5	PASS



**BUREAU
VERITAS**

Test Report No.: PSU-NQN2204290110RF03

Band7	15MHz	QPSK	21375	75RB#0	NV	20	-9.56	-0.003731	±2.5	PASS
Band7	15MHz	QPSK	21375	75RB#0	NV	30	-14.96	-0.005838	±2.5	PASS
Band7	15MHz	QPSK	21375	75RB#0	NV	40	-9.48	-0.003700	±2.5	PASS
Band7	15MHz	QPSK	21375	75RB#0	NV	50	-9.98	-0.003895	±2.5	PASS
Band7	15MHz	16QAM	20825	27RB#0	NV	-30	-8.10	-0.003230	±2.5	PASS
Band7	15MHz	16QAM	20825	27RB#0	NV	-20	-7.82	-0.003119	±2.5	PASS
Band7	15MHz	16QAM	20825	27RB#0	NV	0	-10.24	-0.004084	±2.5	PASS
Band7	15MHz	16QAM	20825	27RB#0	NV	10	-9.50	-0.003789	±2.5	PASS
Band7	15MHz	16QAM	20825	27RB#0	NV	20	-11.97	-0.004774	±2.5	PASS
Band7	15MHz	16QAM	20825	27RB#0	NV	30	-8.48	-0.003382	±2.5	PASS
Band7	15MHz	16QAM	20825	27RB#0	NV	40	-11.19	-0.004463	±2.5	PASS
Band7	15MHz	16QAM	20825	27RB#0	NV	50	-6.72	-0.002680	±2.5	PASS
Band7	15MHz	16QAM	21100	27RB#0	NV	-30	-13.50	-0.005325	±2.5	PASS
Band7	15MHz	16QAM	21100	27RB#0	NV	-20	-13.56	-0.005349	±2.5	PASS
Band7	15MHz	16QAM	21100	27RB#0	NV	0	-8.45	-0.003333	±2.5	PASS
Band7	15MHz	16QAM	21100	27RB#0	NV	10	-12.15	-0.004793	±2.5	PASS
Band7	15MHz	16QAM	21100	27RB#0	NV	20	-10.16	-0.004008	±2.5	PASS
Band7	15MHz	16QAM	21100	27RB#0	NV	30	-13.68	-0.005396	±2.5	PASS
Band7	15MHz	16QAM	21100	27RB#0	NV	40	-10.01	-0.003949	±2.5	PASS
Band7	15MHz	16QAM	21100	27RB#0	NV	50	-11.77	-0.004643	±2.5	PASS
Band7	15MHz	16QAM	21375	27RB#0	NV	-30	-13.40	-0.005229	±2.5	PASS
Band7	15MHz	16QAM	21375	27RB#0	NV	-20	-10.24	-0.003996	±2.5	PASS
Band7	15MHz	16QAM	21375	27RB#0	NV	0	-8.75	-0.003415	±2.5	PASS
Band7	15MHz	16QAM	21375	27RB#0	NV	10	-12.90	-0.005034	±2.5	PASS
Band7	15MHz	16QAM	21375	27RB#0	NV	20	-8.83	-0.003446	±2.5	PASS
Band7	15MHz	16QAM	21375	27RB#0	NV	30	-14.43	-0.005631	±2.5	PASS
Band7	15MHz	16QAM	21375	27RB#0	NV	40	-12.35	-0.004820	±2.5	PASS
Band7	15MHz	16QAM	21375	27RB#0	NV	50	-14.26	-0.005565	±2.5	PASS
Band7	20MHz	QPSK	20850	100RB#0	NV	-30	-7.52	-0.002996	±2.5	PASS
Band7	20MHz	QPSK	20850	100RB#0	NV	-20	-16.18	-0.006446	±2.5	PASS
Band7	20MHz	QPSK	20850	100RB#0	NV	0	6.07	0.002418	±2.5	PASS
Band7	20MHz	QPSK	20850	100RB#0	NV	10	-14.58	-0.005809	±2.5	PASS
Band7	20MHz	QPSK	20850	100RB#0	NV	20	-10.23	-0.004076	±2.5	PASS
Band7	20MHz	QPSK	20850	100RB#0	NV	30	-9.84	-0.003920	±2.5	PASS
Band7	20MHz	QPSK	20850	100RB#0	NV	40	-7.55	-0.003008	±2.5	PASS
Band7	20MHz	QPSK	20850	100RB#0	NV	50	-7.48	-0.002980	±2.5	PASS
Band7	20MHz	QPSK	21100	100RB#0	NV	-30	-9.98	-0.003937	±2.5	PASS
Band7	20MHz	QPSK	21100	100RB#0	NV	-20	-10.14	-0.004000	±2.5	PASS
Band7	20MHz	QPSK	21100	100RB#0	NV	0	-11.76	-0.004639	±2.5	PASS
Band7	20MHz	QPSK	21100	100RB#0	NV	10	-8.30	-0.003274	±2.5	PASS
Band7	20MHz	QPSK	21100	100RB#0	NV	20	-7.84	-0.003093	±2.5	PASS
Band7	20MHz	QPSK	21100	100RB#0	NV	30	-11.36	-0.004481	±2.5	PASS
Band7	20MHz	QPSK	21100	100RB#0	NV	40	-10.44	-0.004118	±2.5	PASS
Band7	20MHz	QPSK	21100	100RB#0	NV	50	-9.56	-0.003771	±2.5	PASS
Band7	20MHz	QPSK	21350	100RB#0	NV	-30	-9.18	-0.003586	±2.5	PASS
Band7	20MHz	QPSK	21350	100RB#0	NV	-20	-7.64	-0.002984	±2.5	PASS
Band7	20MHz	QPSK	21350	100RB#0	NV	0	-12.99	-0.005074	±2.5	PASS
Band7	20MHz	QPSK	21350	100RB#0	NV	10	-10.69	-0.004176	±2.5	PASS
Band7	20MHz	QPSK	21350	100RB#0	NV	20	-9.73	-0.003801	±2.5	PASS
Band7	20MHz	QPSK	21350	100RB#0	NV	30	-7.10	-0.002773	±2.5	PASS
Band7	20MHz	QPSK	21350	100RB#0	NV	40	-11.40	-0.004453	±2.5	PASS



**BUREAU
VERITAS**

Test Report No.: PSU-NQN2204290110RF03

Band7	20MHz	QPSK	21350	100RB#0	NV	50	-16.75	-0.006543	±2.5	PASS
Band7	20MHz	16QAM	20850	27RB#0	NV	-30	-21.60	-0.008606	±2.5	PASS
Band7	20MHz	16QAM	20850	27RB#0	NV	-20	-11.14	-0.004438	±2.5	PASS
Band7	20MHz	16QAM	20850	27RB#0	NV	0	-6.37	-0.002538	±2.5	PASS
Band7	20MHz	16QAM	20850	27RB#0	NV	10	-9.74	-0.003880	±2.5	PASS
Band7	20MHz	16QAM	20850	27RB#0	NV	20	-12.55	-0.005000	±2.5	PASS
Band7	20MHz	16QAM	20850	27RB#0	NV	30	-7.18	-0.002861	±2.5	PASS
Band7	20MHz	16QAM	20850	27RB#0	NV	40	-7.91	-0.003151	±2.5	PASS
Band7	20MHz	16QAM	20850	27RB#0	NV	50	-10.71	-0.004267	±2.5	PASS
Band7	20MHz	16QAM	21100	27RB#0	NV	-30	-13.32	-0.005254	±2.5	PASS
Band7	20MHz	16QAM	21100	27RB#0	NV	-20	-25.72	-0.010146	±2.5	PASS
Band7	20MHz	16QAM	21100	27RB#0	NV	0	-12.19	-0.004809	±2.5	PASS
Band7	20MHz	16QAM	21100	27RB#0	NV	10	-12.46	-0.004915	±2.5	PASS
Band7	20MHz	16QAM	21100	27RB#0	NV	20	-12.00	-0.004734	±2.5	PASS
Band7	20MHz	16QAM	21100	27RB#0	NV	30	-12.83	-0.005061	±2.5	PASS
Band7	20MHz	16QAM	21100	27RB#0	NV	40	-11.94	-0.004710	±2.5	PASS
Band7	20MHz	16QAM	21100	27RB#0	NV	50	-9.14	-0.003606	±2.5	PASS
Band7	20MHz	16QAM	21350	27RB#0	NV	-30	-8.27	-0.003230	±2.5	PASS
Band7	20MHz	16QAM	21350	27RB#0	NV	-20	-12.40	-0.004844	±2.5	PASS
Band7	20MHz	16QAM	21350	27RB#0	NV	0	-11.92	-0.004656	±2.5	PASS
Band7	20MHz	16QAM	21350	27RB#0	NV	10	-8.51	-0.003324	±2.5	PASS
Band7	20MHz	16QAM	21350	27RB#0	NV	20	-10.40	-0.004063	±2.5	PASS
Band7	20MHz	16QAM	21350	27RB#0	NV	30	-16.95	-0.006621	±2.5	PASS
Band7	20MHz	16QAM	21350	27RB#0	NV	40	-8.13	-0.003176	±2.5	PASS
Band7	20MHz	16QAM	21350	27RB#0	NV	50	-10.51	-0.004105	±2.5	PASS



Test Report No.: PSU-NQN2204290110RF03

LTE BAND12

PEAK-TO-AVERAGE RATIO(CCDF)

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band12	1.4MHz	QPSK	23017	1RB#0	5.05	13	PASS
Band12	1.4MHz	QPSK	23017	6RB#0	4.91	13	PASS
Band12	1.4MHz	QPSK	23095	1RB#0	5.35	13	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	4.99	13	PASS
Band12	1.4MHz	QPSK	23173	1RB#0	5.21	13	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	4.81	13	PASS
Band12	1.4MHz	16QAM	23017	1RB#0	5.84	13	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	5.41	13	PASS
Band12	1.4MHz	16QAM	23095	1RB#0	5.68	13	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	5.48	13	PASS
Band12	1.4MHz	16QAM	23173	1RB#0	5.52	13	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	5.70	13	PASS
Band12	3MHz	QPSK	23025	1RB#0	5.13	13	PASS
Band12	3MHz	QPSK	23025	15RB#0	4.58	13	PASS
Band12	3MHz	QPSK	23095	1RB#0	5.26	13	PASS
Band12	3MHz	QPSK	23095	15RB#0	4.68	13	PASS
Band12	3MHz	QPSK	23165	1RB#0	4.86	13	PASS
Band12	3MHz	QPSK	23165	15RB#0	4.63	13	PASS
Band12	3MHz	16QAM	23025	1RB#0	5.80	13	PASS
Band12	3MHz	16QAM	23025	15RB#0	5.30	13	PASS
Band12	3MHz	16QAM	23095	1RB#0	5.70	13	PASS
Band12	3MHz	16QAM	23095	15RB#0	5.41	13	PASS
Band12	3MHz	16QAM	23165	1RB#0	5.21	13	PASS
Band12	3MHz	16QAM	23165	15RB#0	5.39	13	PASS
Band12	5MHz	QPSK	23035	1RB#0	4.98	13	PASS
Band12	5MHz	QPSK	23035	25RB#0	4.80	13	PASS
Band12	5MHz	QPSK	23095	1RB#0	5.77	13	PASS
Band12	5MHz	QPSK	23095	25RB#0	4.73	13	PASS
Band12	5MHz	QPSK	23155	1RB#0	5.10	13	PASS
Band12	5MHz	QPSK	23155	25RB#0	4.72	13	PASS
Band12	5MHz	16QAM	23035	1RB#0	5.48	13	PASS
Band12	5MHz	16QAM	23035	25RB#0	5.31	13	PASS
Band12	5MHz	16QAM	23095	1RB#0	5.68	13	PASS
Band12	5MHz	16QAM	23095	25RB#0	5.39	13	PASS
Band12	5MHz	16QAM	23155	1RB#0	5.22	13	PASS
Band12	5MHz	16QAM	23155	25RB#0	5.34	13	PASS
Band12	10MHz	QPSK	23060	1RB#0	4.66	13	PASS
Band12	10MHz	QPSK	23060	50RB#0	4.79	13	PASS
Band12	10MHz	QPSK	23095	1RB#0	4.41	13	PASS
Band12	10MHz	QPSK	23095	50RB#0	4.66	13	PASS
Band12	10MHz	QPSK	23130	1RB#0	5.36	13	PASS
Band12	10MHz	QPSK	23130	50RB#0	4.63	13	PASS



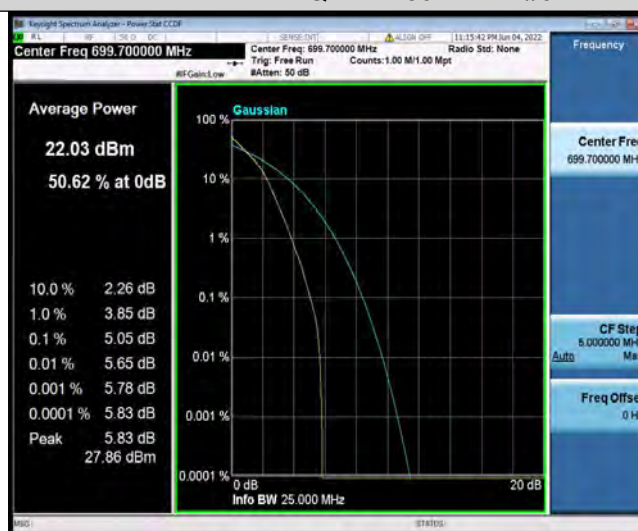
BUREAU
VERITAS

Test Report No.: PSU-NQN2204290110RF03

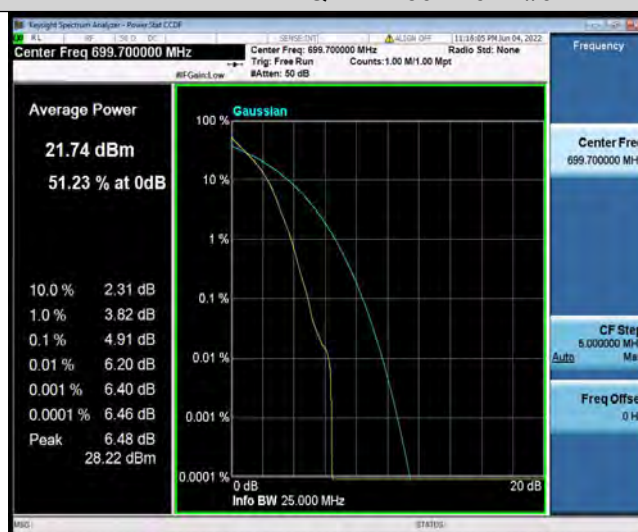
Band12	10MHz	16QAM	23060	1RB#0	4.92	13	PASS
Band12	10MHz	16QAM	23060	27RB#0	5.10	13	PASS
Band12	10MHz	16QAM	23095	1RB#0	4.50	13	PASS
Band12	10MHz	16QAM	23095	27RB#0	4.88	13	PASS
Band12	10MHz	16QAM	23130	1RB#0	5.69	13	PASS
Band12	10MHz	16QAM	23130	27RB#0	5.23	13	PASS

Test Graphs

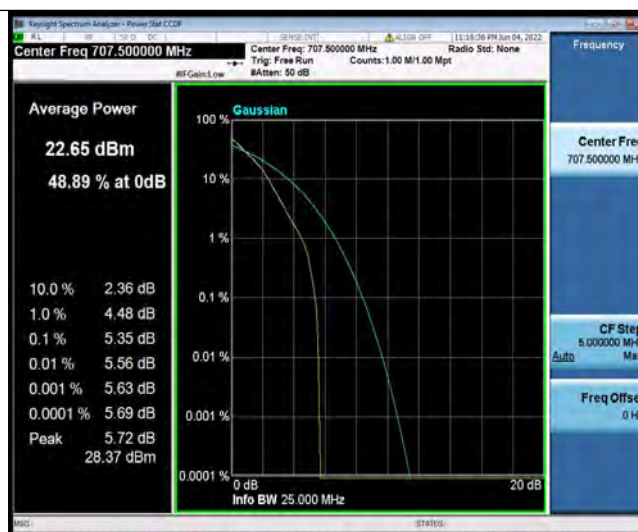
Band12-1.4MHz-QPSK-23017-1RB#0



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



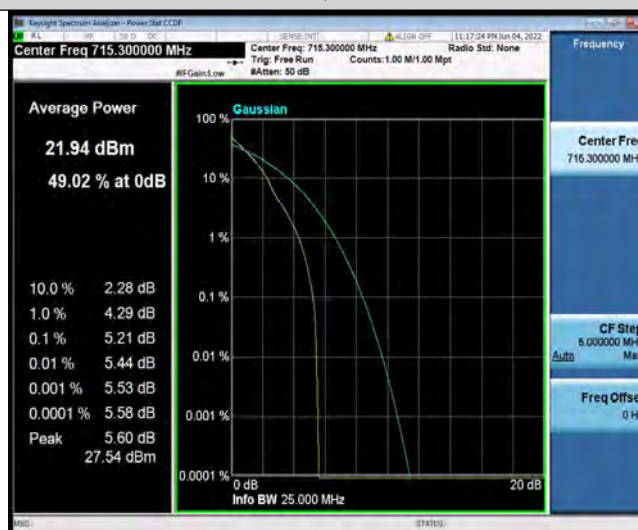
Band12-1.4MHz-QPSK-23095-1RB#0



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



Band12-1.4MHz-QPSK-23173-1RB#0



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



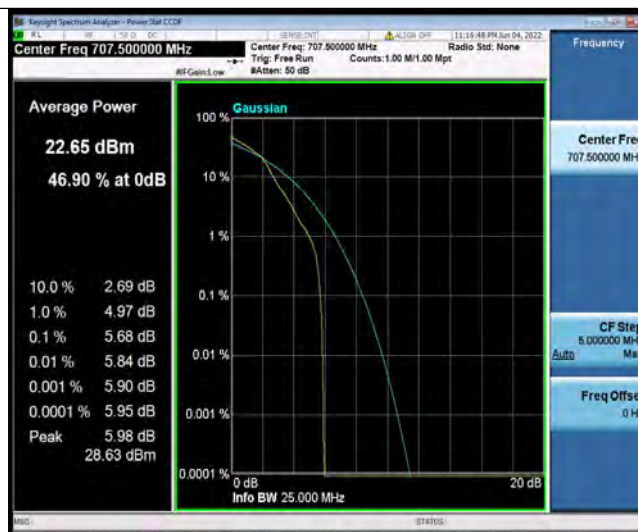
Band12-1.4MHz-16QAM-23017-1RB#0



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



Band12-1.4MHz-16QAM-23095-1RB#0



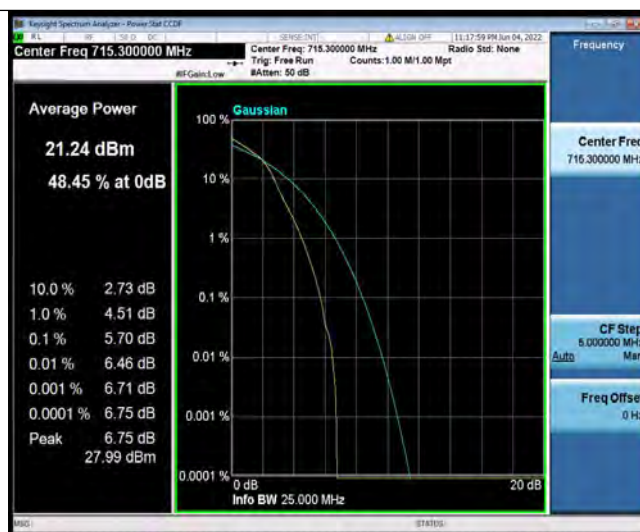
Band12-1.4MHz-16QAM-23095-6RB#0



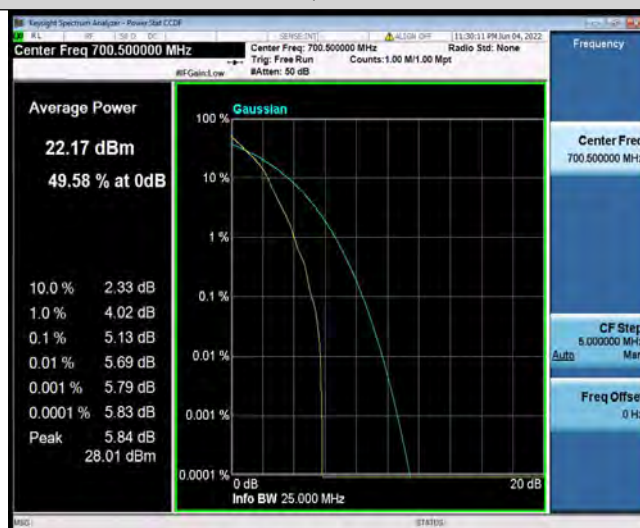
Band12-1.4MHz-16QAM-23173-1RB#0



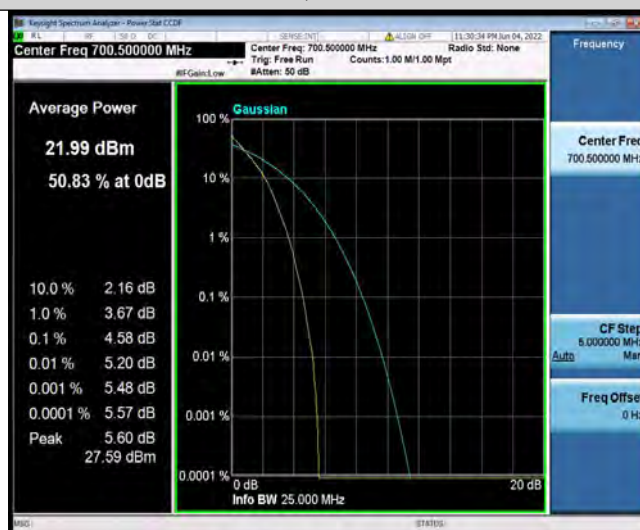
Band12-1.4MHz-16QAM-23173-6RB#0



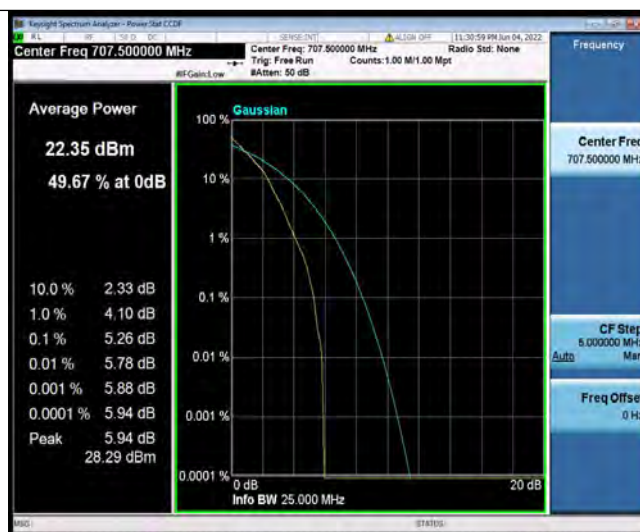
Band12-3MHz-QPSK-23025-1RB#0



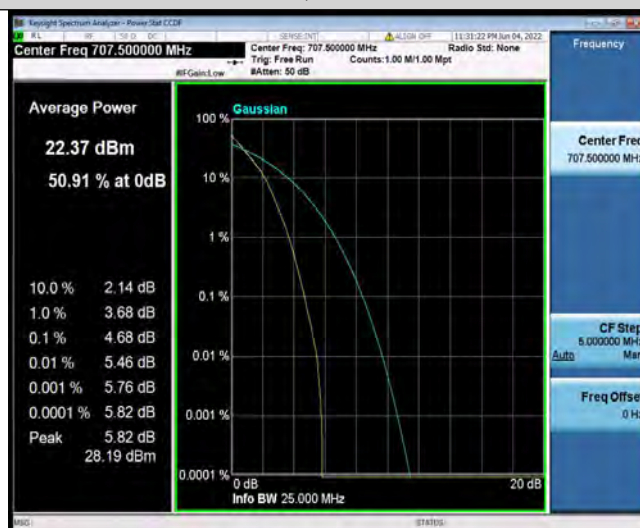
Band12-3MHz-QPSK-23025-15RB#0



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



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



Band12-3MHz-QPSK-23165-1RB#0



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



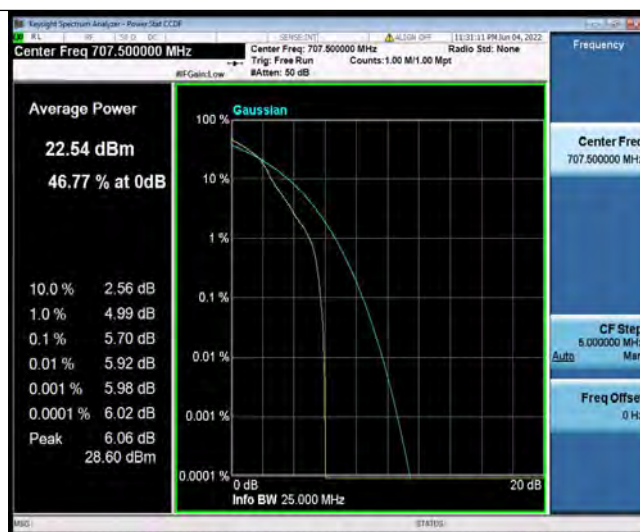
Band12-3MHz-16QAM-23025-1RB#0



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



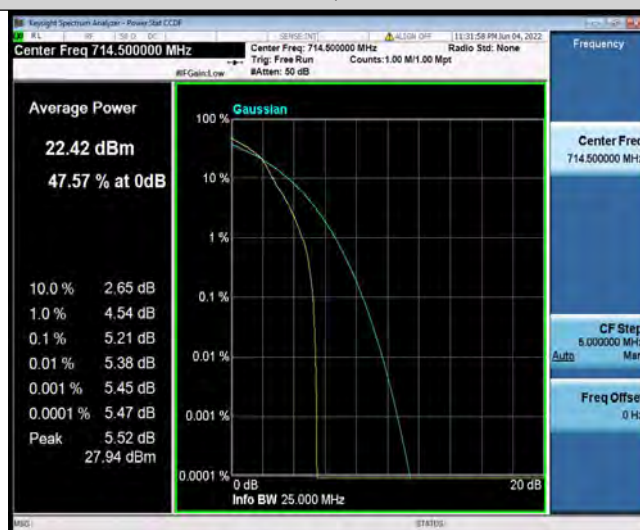
Band12-3MHz-16QAM-23095-1RB#0



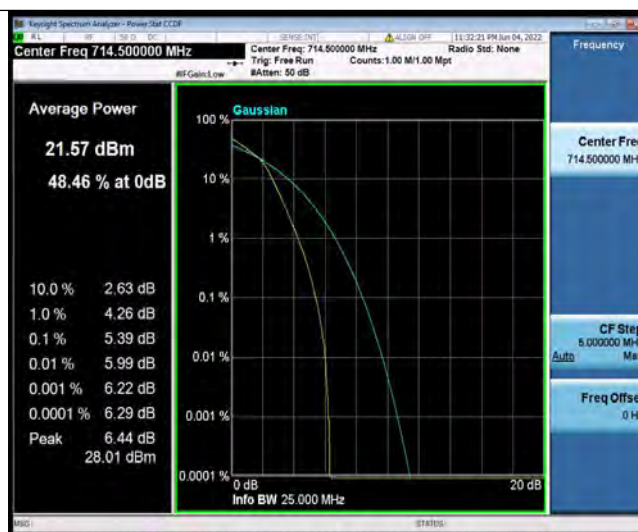
Band12-3MHz-16QAM-23095-15RB#0



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



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



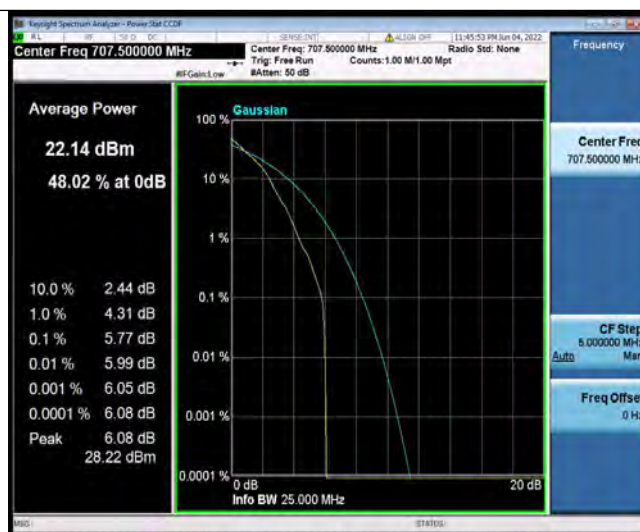
Band12-5MHz-QPSK-23035-1RB#0



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



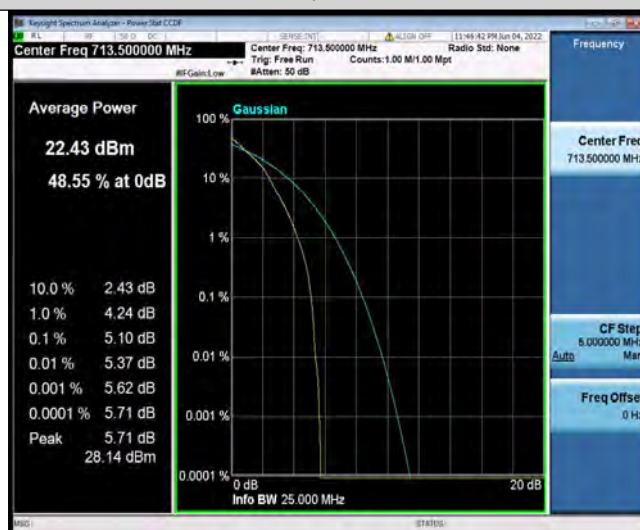
Band12-5MHz-QPSK-23095-1RB#0



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



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



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



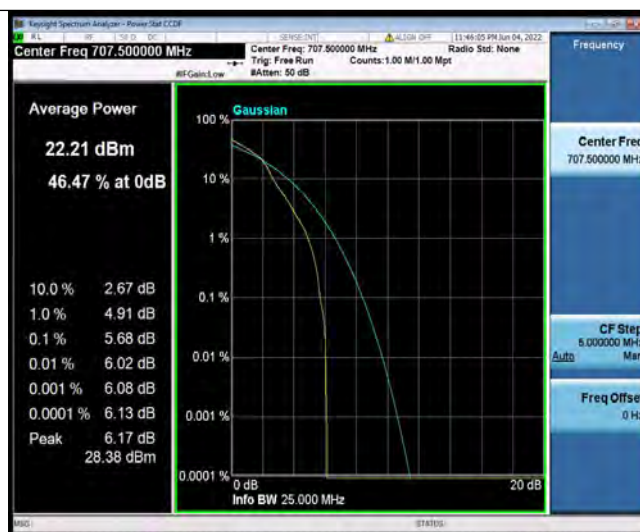
Band12-5MHz-16QAM-23035-1RB#0



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



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



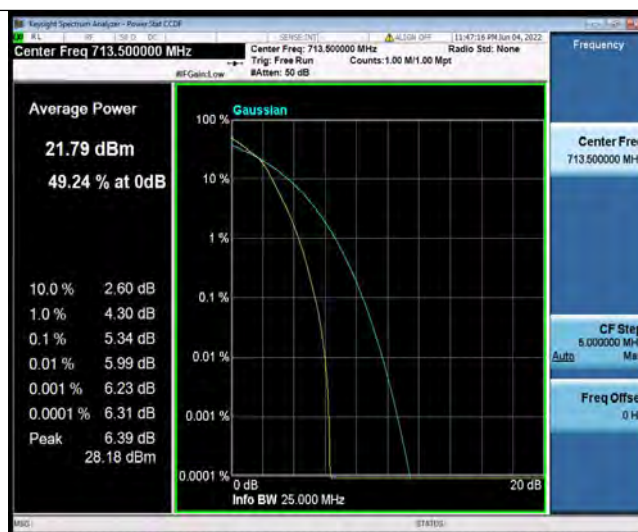
Band12-5MHz-16QAM-23095-25RB#0



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



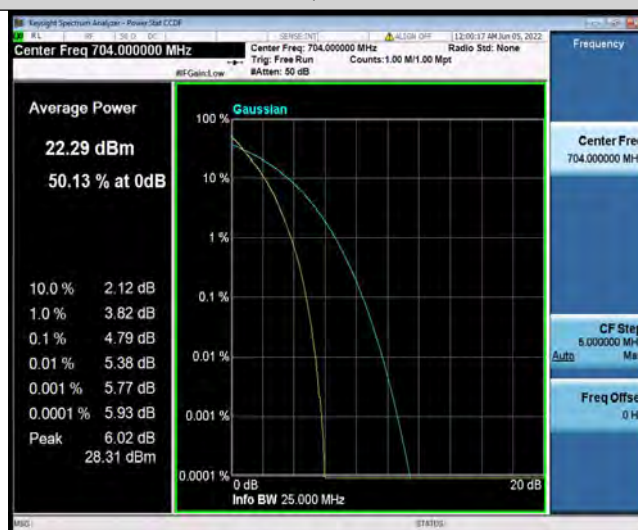
Band12-5MHz-16QAM-23155-25RB#0



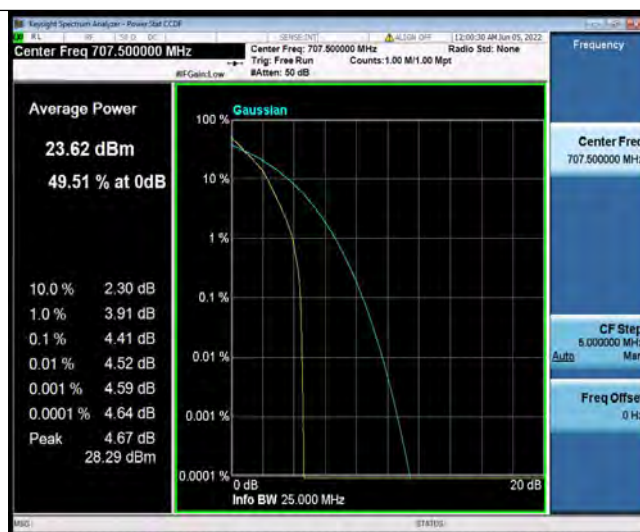
Band12-10MHz-QPSK-23060-1RB#0



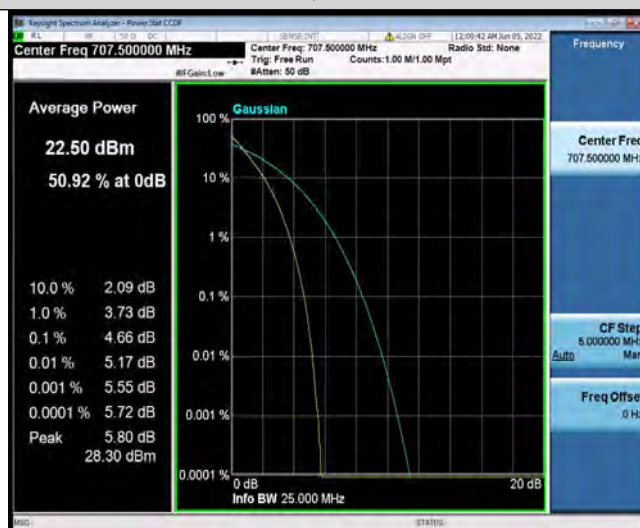
Band12-10MHz-QPSK-23060-50RB#0



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



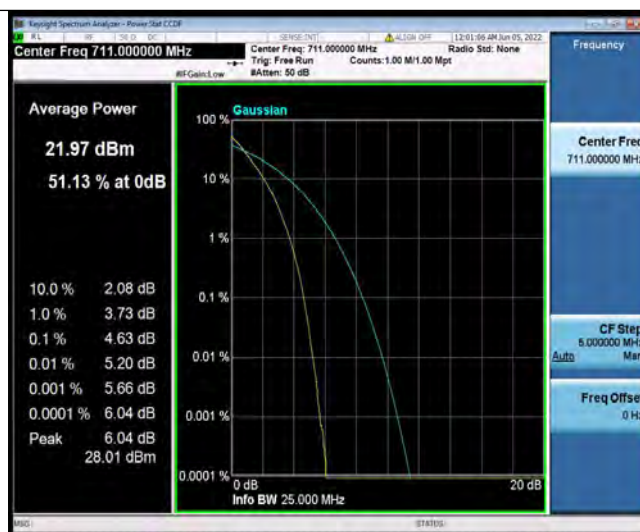
Band12-10MHz-QPSK-23095-50RB#0



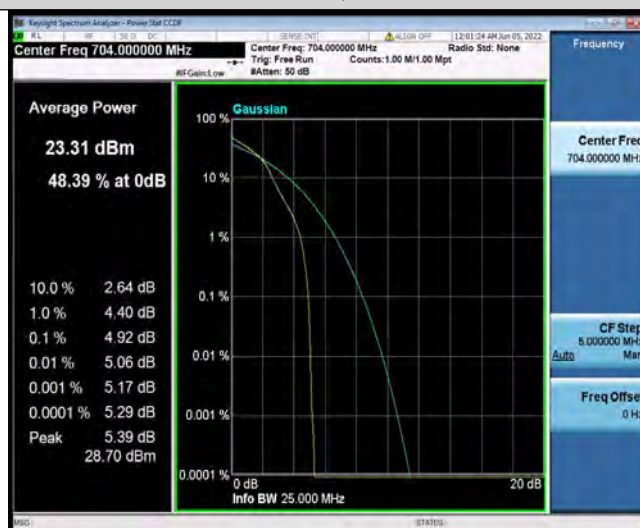
Band12-10MHz-QPSK-23130-1RB#0



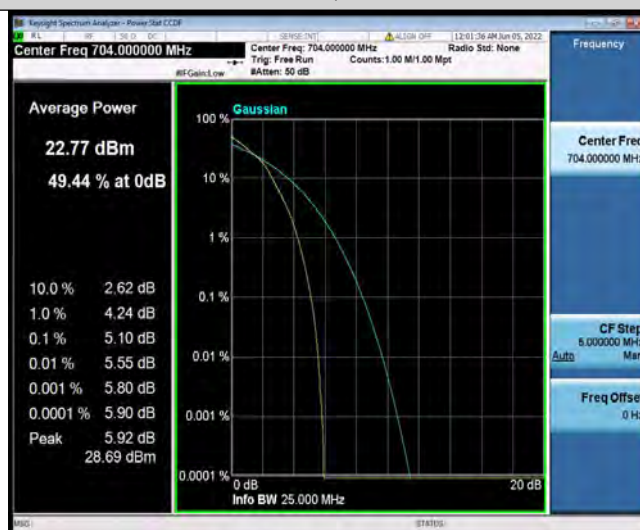
Band12-10MHz-QPSK-23130-50RB#0



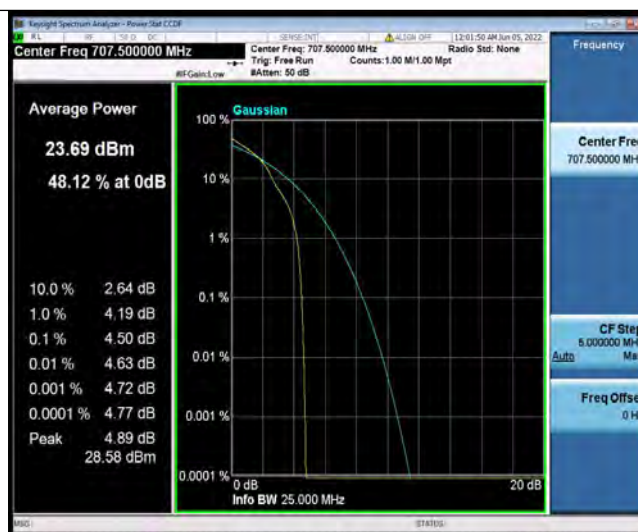
Band12-10MHz-16QAM-23060-1RB#0



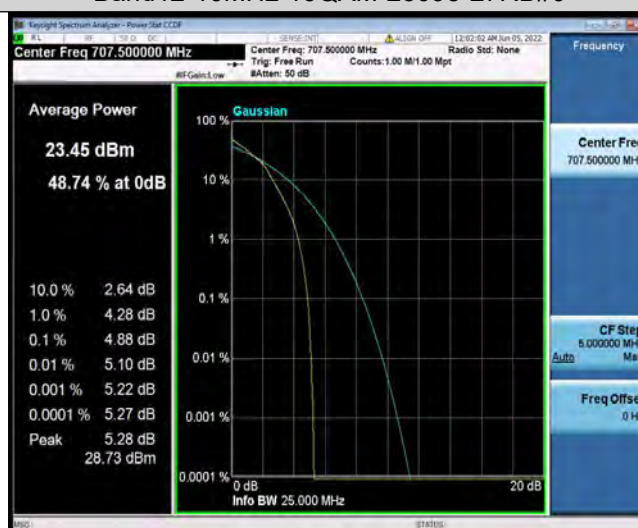
Band12-10MHz-16QAM-23060-27RB#0



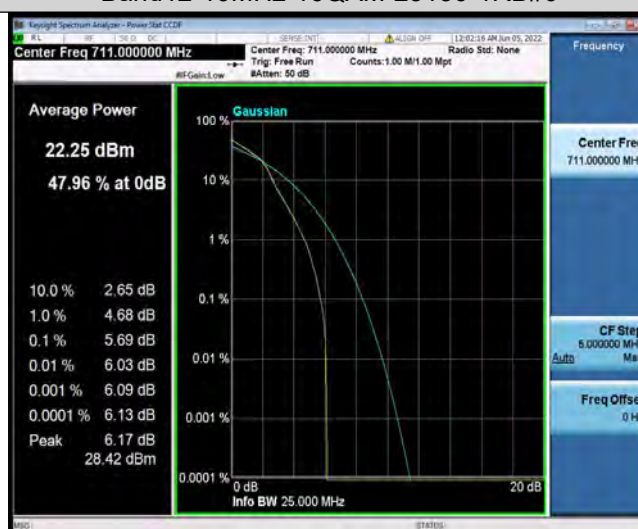
Band12-10MHz-16QAM-23095-1RB#0



Band12-10MHz-16QAM-23095-27RB#0



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



Band12-10MHz-16QAM-23130-27RB#0



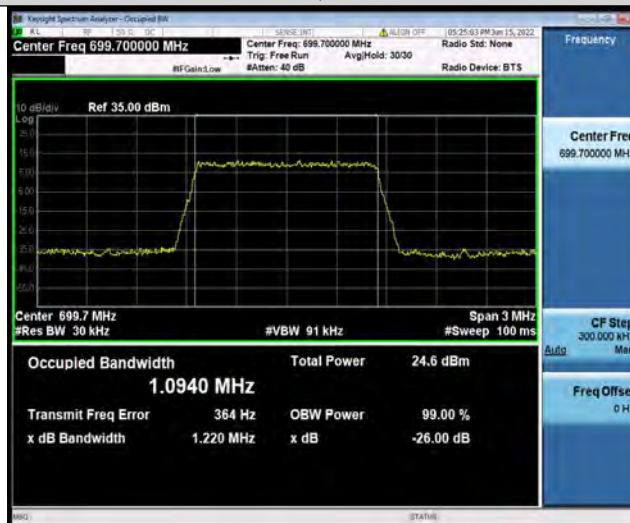
26DB BANDWIDTH AND OCCUPIED BANDWIDTH

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band12	1.4MHz	QPSK	23017	6RB#0	1.0940	1.220	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	1.0867	1.370	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	1.0895	1.369	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	1.0898	1.419	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	1.0913	1.387	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	1.0887	1.384	PASS
Band12	3MHz	QPSK	23025	15RB#0	2.6838	2.999	PASS
Band12	3MHz	QPSK	23095	15RB#0	2.6870	3.034	PASS
Band12	3MHz	QPSK	23165	15RB#0	2.6826	3.035	PASS
Band12	3MHz	16QAM	23025	15RB#0	2.6867	3.093	PASS
Band12	3MHz	16QAM	23095	15RB#0	2.6807	3.056	PASS
Band12	3MHz	16QAM	23165	15RB#0	2.6869	3.045	PASS
Band12	5MHz	QPSK	23035	25RB#0	4.4801	4.886	PASS
Band12	5MHz	QPSK	23095	25RB#0	4.4762	4.960	PASS
Band12	5MHz	QPSK	23155	25RB#0	4.4819	4.913	PASS
Band12	5MHz	16QAM	23035	25RB#0	4.4792	4.957	PASS
Band12	5MHz	16QAM	23095	25RB#0	4.4833	4.960	PASS
Band12	5MHz	16QAM	23155	25RB#0	4.4862	4.933	PASS
Band12	10MHz	QPSK	23060	50RB#0	8.9404	9.532	PASS
Band12	10MHz	QPSK	23095	50RB#0	8.9436	9.527	PASS
Band12	10MHz	QPSK	23130	50RB#0	8.9175	9.503	PASS
Band12	10MHz	16QAM	23060	27RB#0	4.9182	5.729	PASS
Band12	10MHz	16QAM	23095	27RB#0	4.9422	5.895	PASS
Band12	10MHz	16QAM	23130	27RB#0	4.9310	5.787	PASS

Test Graphs

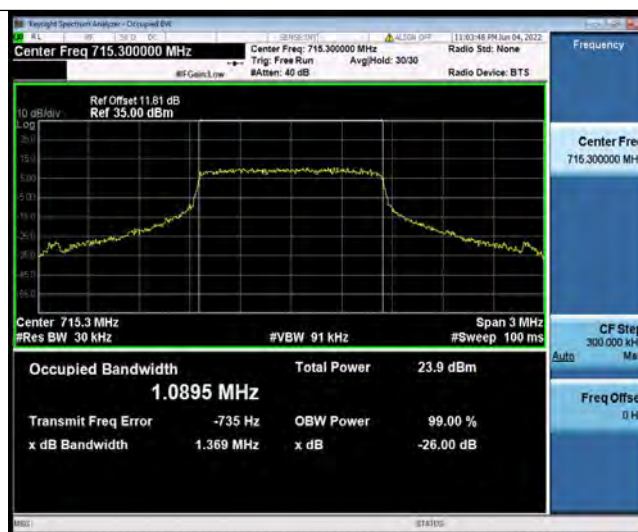
Band12-1.4MHz-QPSK-23017-6RB#0



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



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



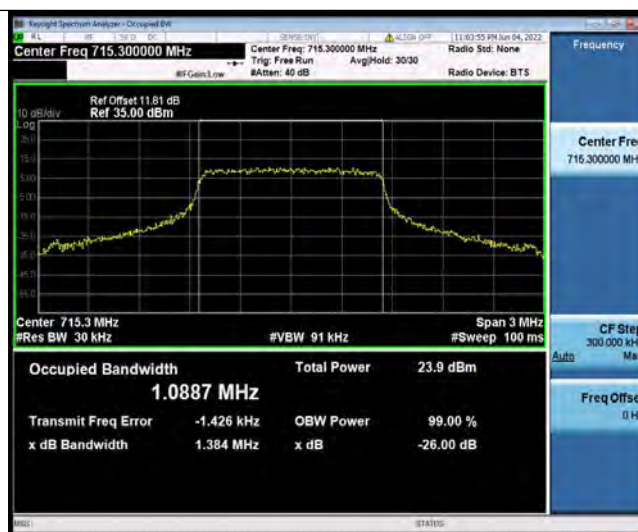
Band12-1.4MHz-16QAM-23017-6RB#0



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



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



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



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



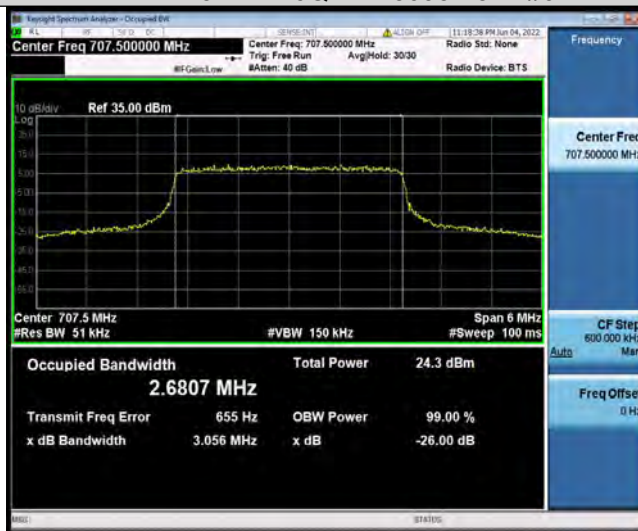
Band12-3MHz-QPSK-23165-15RB#0



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



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



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



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



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



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



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



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



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



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



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



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



Band12-10MHz-16QAM-23060-27RB#0



Band12-10MHz-16QAM-23095-27RB#0



Band12-10MHz-16QAM-23130-27RB#0



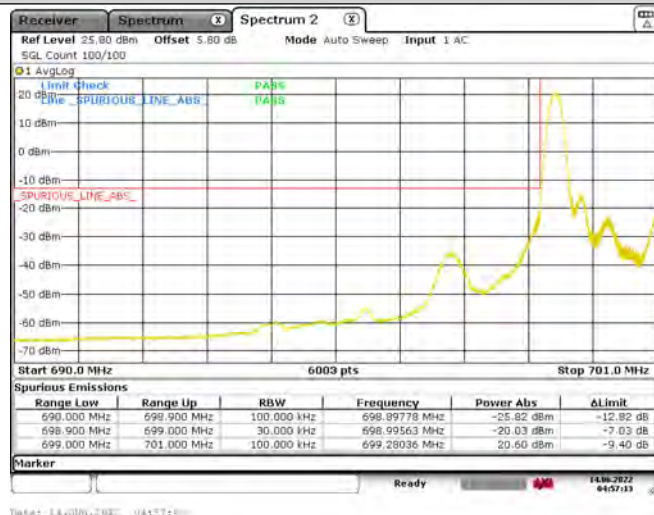
BAND EDGE

Test Result

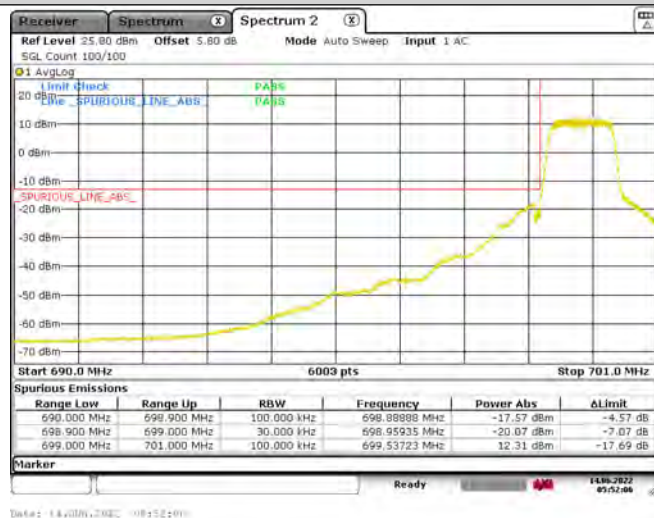
Band	Bandwidth	Modulation	Channel	RB Configuration	Result	Verdict
Band12	1.4MHz	QPSK	23017	1RB#0	See test graph	PASS
Band12	1.4MHz	QPSK	23017	6RB#0	See test graph	PASS
Band12	1.4MHz	QPSK	23173	1RB#5	See test graph	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	See test graph	PASS
Band12	1.4MHz	16QAM	23017	1RB#0	See test graph	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	See test graph	PASS
Band12	1.4MHz	16QAM	23173	1RB#5	See test graph	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	See test graph	PASS
Band12	3MHz	QPSK	23025	1RB#0	See test graph	PASS
Band12	3MHz	QPSK	23025	15RB#0	See test graph	PASS
Band12	3MHz	QPSK	23165	1RB#14	See test graph	PASS
Band12	3MHz	QPSK	23165	15RB#0	See test graph	PASS
Band12	3MHz	16QAM	23025	1RB#0	See test graph	PASS
Band12	3MHz	16QAM	23025	15RB#0	See test graph	PASS
Band12	3MHz	16QAM	23165	1RB#14	See test graph	PASS
Band12	3MHz	16QAM	23165	15RB#0	See test graph	PASS
Band12	5MHz	QPSK	23035	1RB#0	See test graph	PASS
Band12	5MHz	QPSK	23035	25RB#0	See test graph	PASS
Band12	5MHz	QPSK	23155	1RB#24	See test graph	PASS
Band12	5MHz	QPSK	23155	25RB#0	See test graph	PASS
Band12	5MHz	16QAM	23035	1RB#0	See test graph	PASS
Band12	5MHz	16QAM	23035	25RB#0	See test graph	PASS
Band12	5MHz	16QAM	23155	1RB#24	See test graph	PASS
Band12	5MHz	16QAM	23155	25RB#0	See test graph	PASS
Band12	10MHz	QPSK	23060	1RB#0	See test graph	PASS
Band12	10MHz	QPSK	23060	50RB#0	See test graph	PASS
Band12	10MHz	QPSK	23130	1RB#49	See test graph	PASS
Band12	10MHz	QPSK	23130	50RB#0	See test graph	PASS
Band12	10MHz	16QAM	23060	1RB#0	See test graph	PASS
Band12	10MHz	16QAM	23060	27RB#0	See test graph	PASS
Band12	10MHz	16QAM	23130	1RB#49	See test graph	PASS
Band12	10MHz	16QAM	23130	27RB#23	See test graph	PASS

Test Graphs

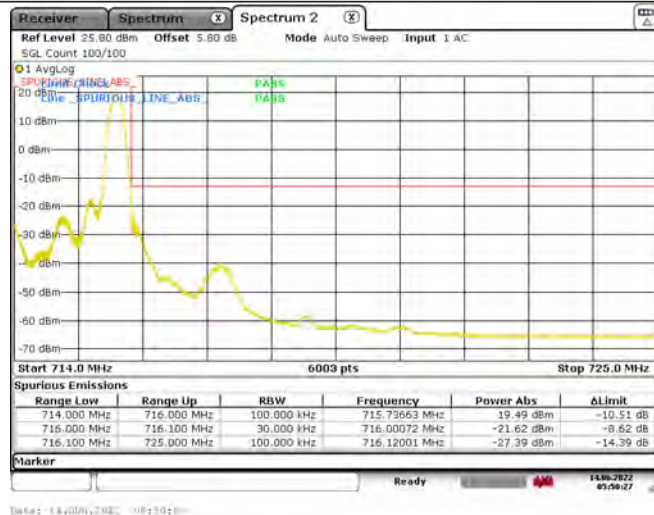
Band12-1.4MHz-QPSK-23017-1RB#0



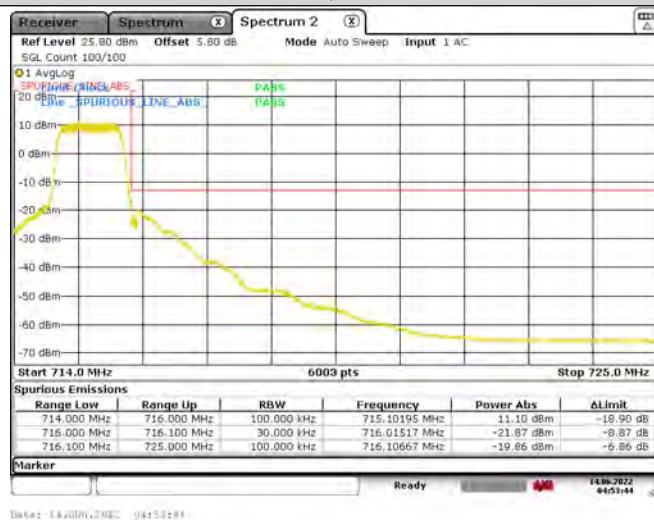
Band12-1.4MHz-QPSK-23017-6RB#0



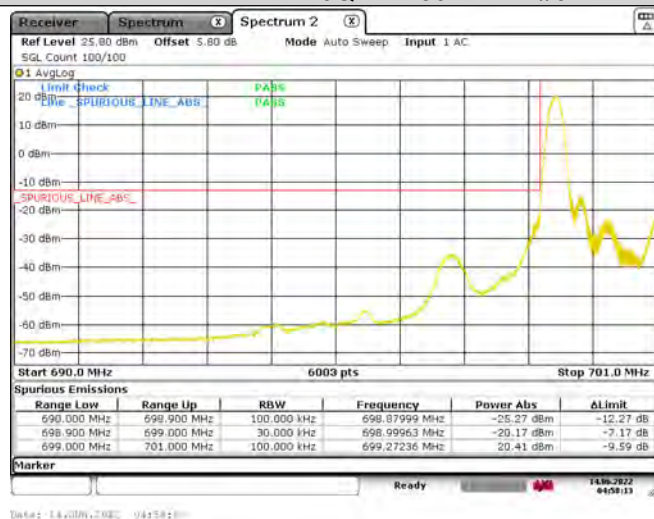
Band12-1.4MHz-QPSK-23173-1RB#5



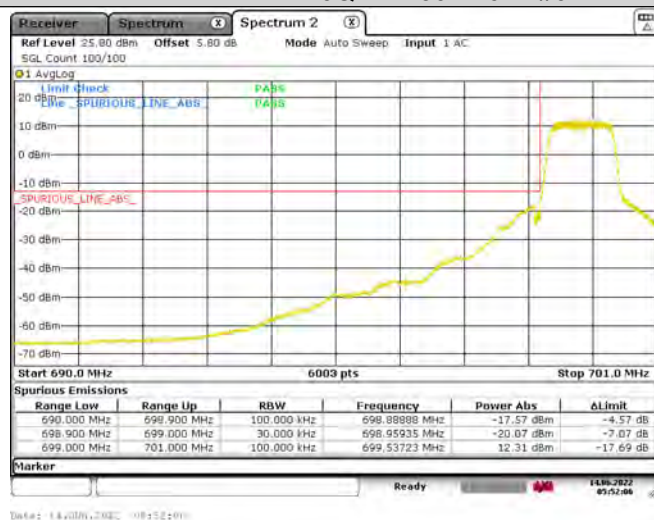
Band12-1.4MHz-QPSK-23173-6RB#0



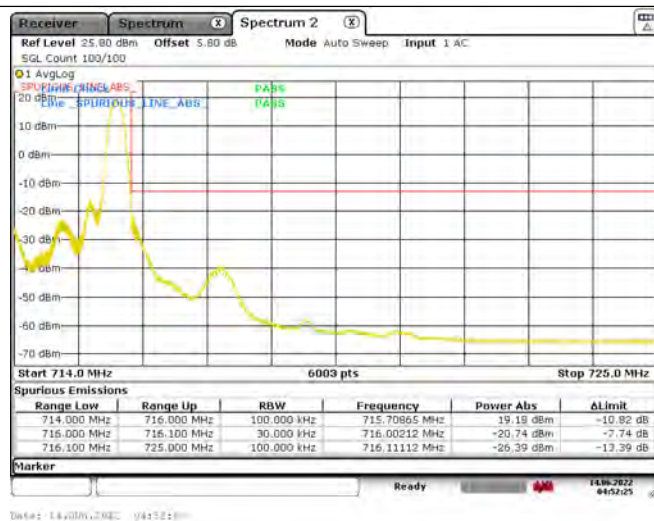
Band12-1.4MHz-16QAM-23017-1RB#0



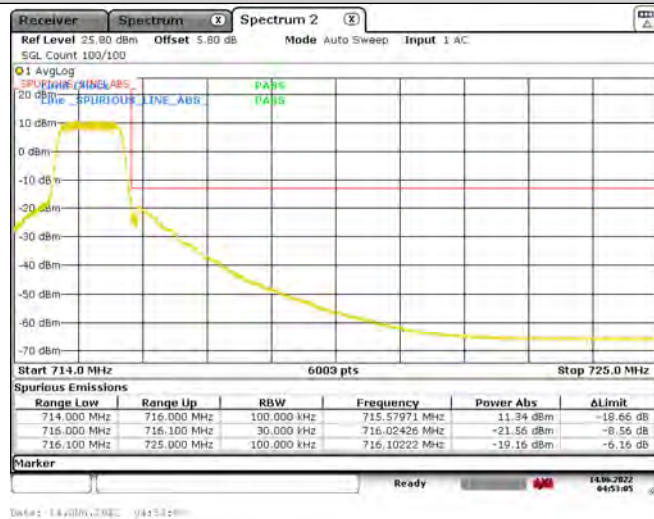
Band12-1.4MHz-16QAM-23017-6RB#0



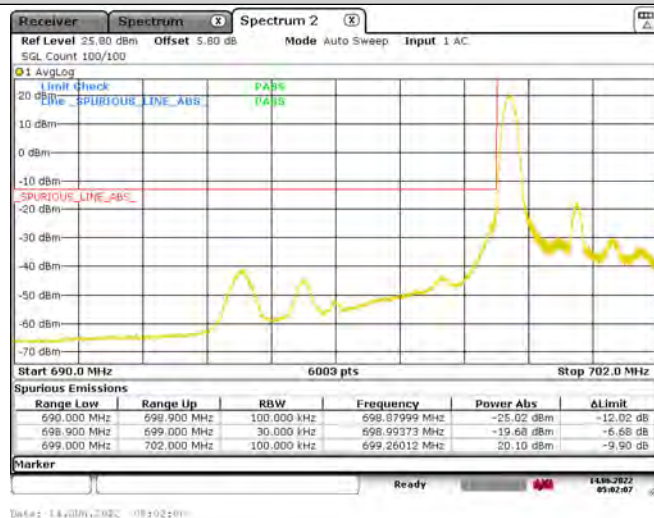
Band12-1.4MHz-16QAM-23173-1RB#5



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



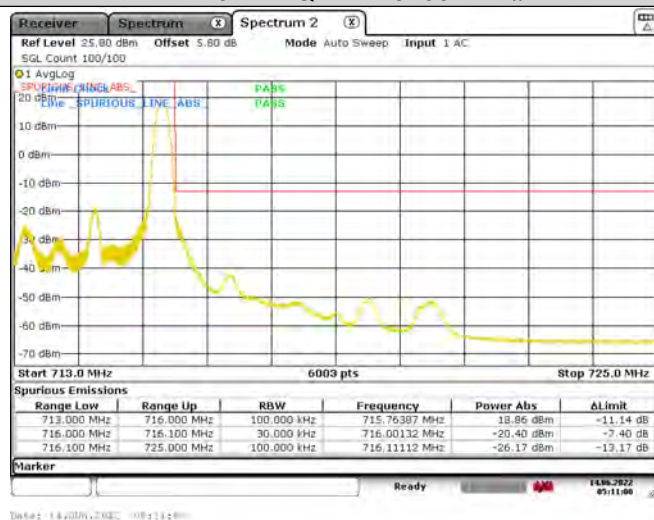
Band12-3MHz-QPSK-23025-1RB#0



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



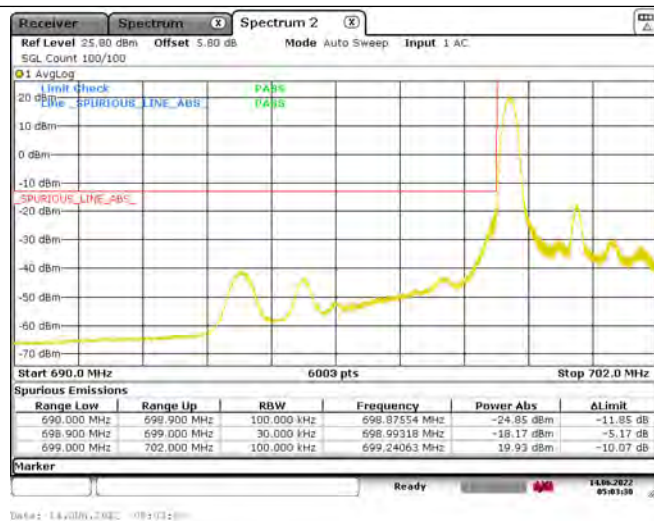
Band12-3MHz-QPSK-23165-1RB#14



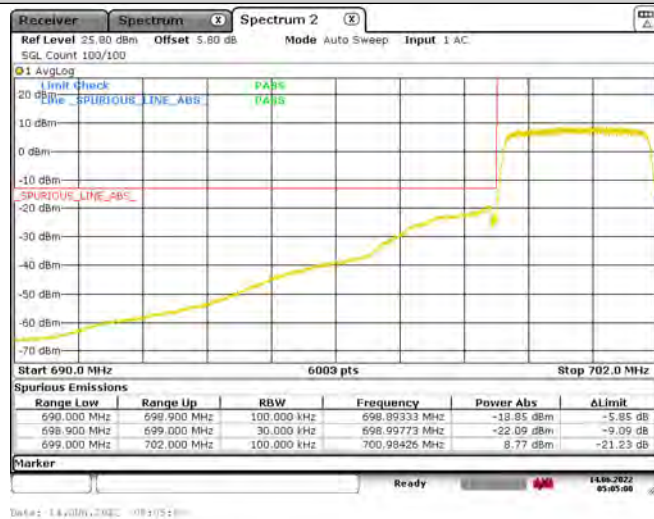
Band12-3MHz-QPSK-23165-15RB#0



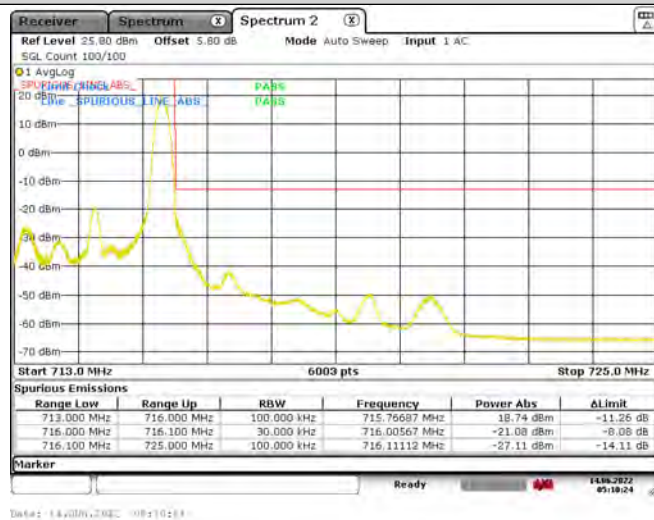
Band12-3MHz-16QAM-23025-1RB#0



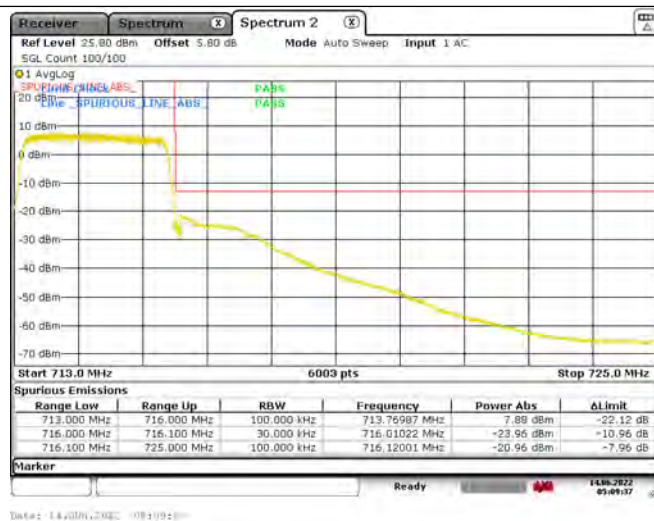
Band12-3MHz-16QAM-23025-15RB#0



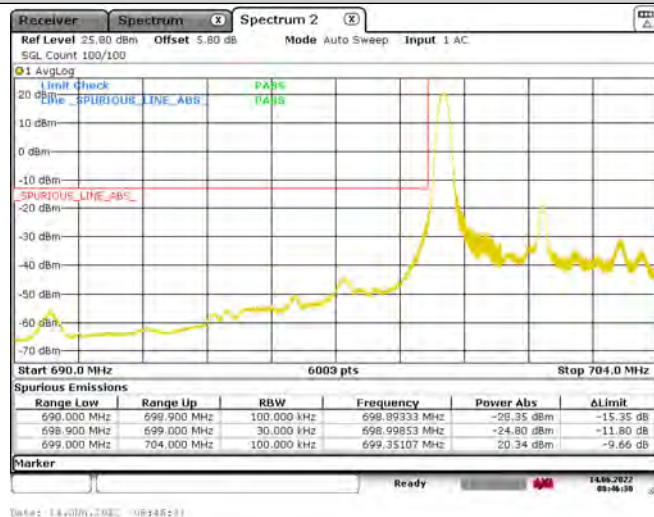
Band12-3MHz-16QAM-23165-1RB#14



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



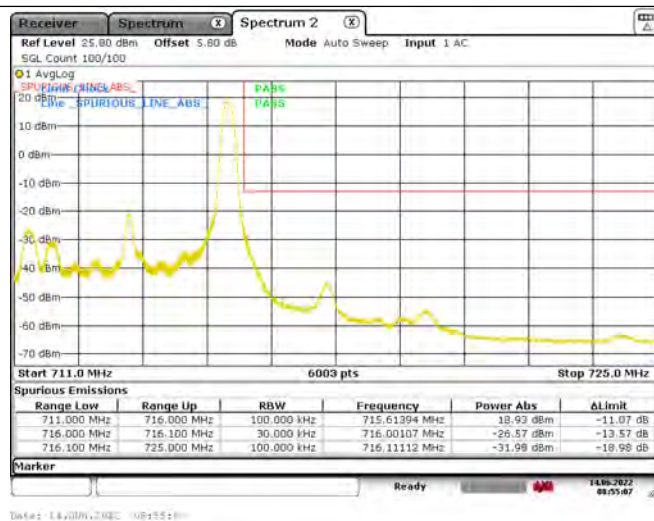
Band12-5MHz-QPSK-23035-1RB#0



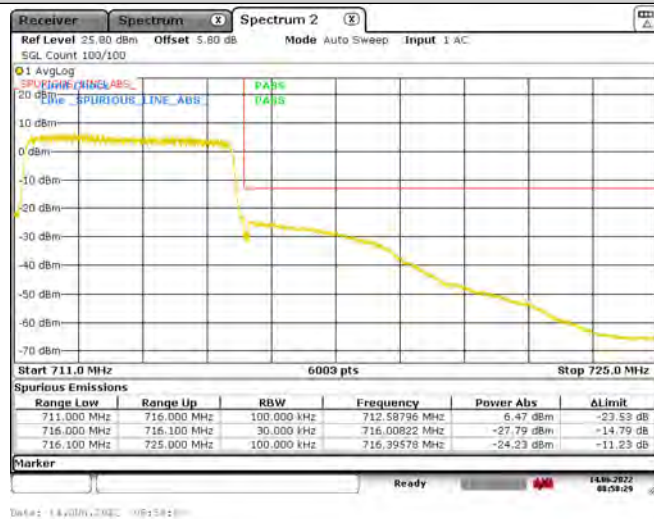
Band12-5MHz-QPSK-23035-25RB#0



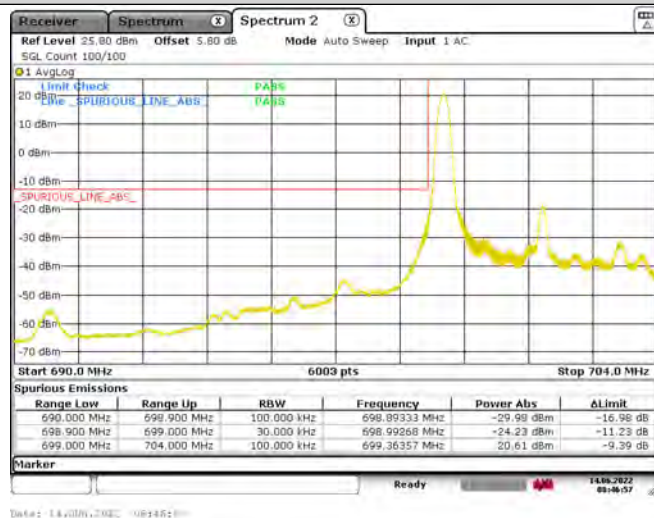
Band12-5MHz-QPSK-23155-1RB#24



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



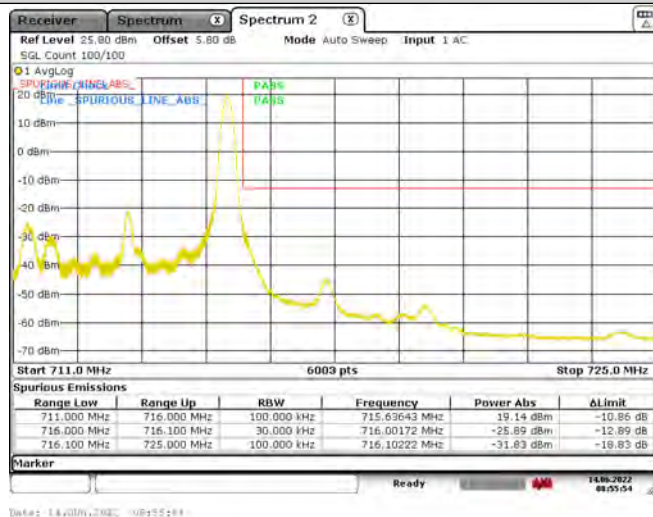
Band12-5MHz-16QAM-23035-1RB#0



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



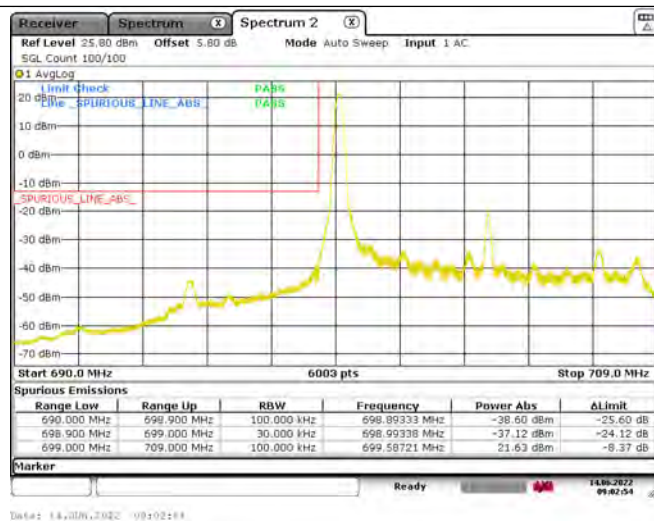
Band12-5MHz-16QAM-23155-1RB#24



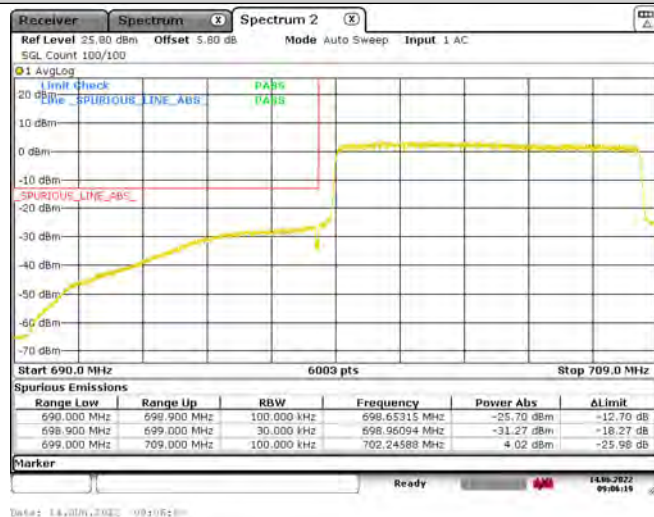
Band12-5MHz-16QAM-23155-25RB#0



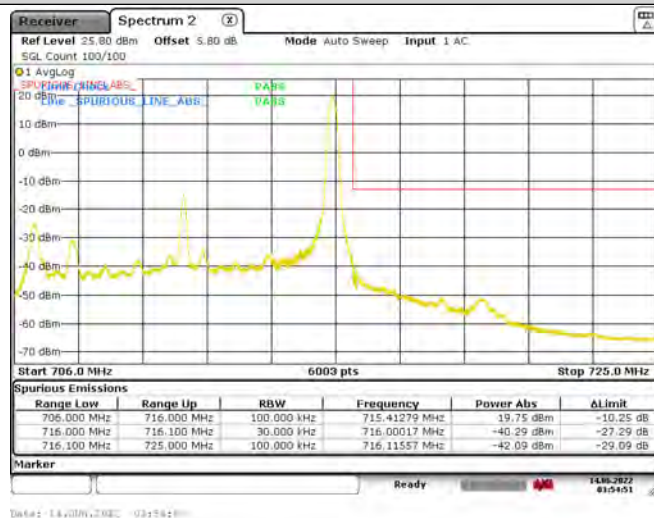
Band12-10MHz-QPSK-23060-1RB#0



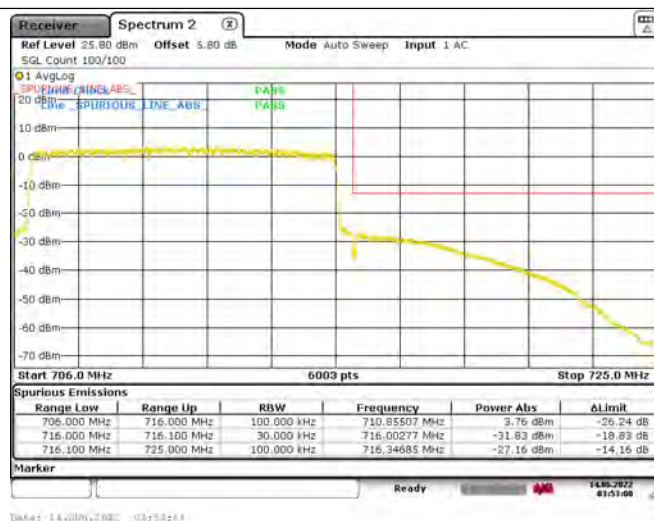
Band12-10MHz-QPSK-23060-50RB#0



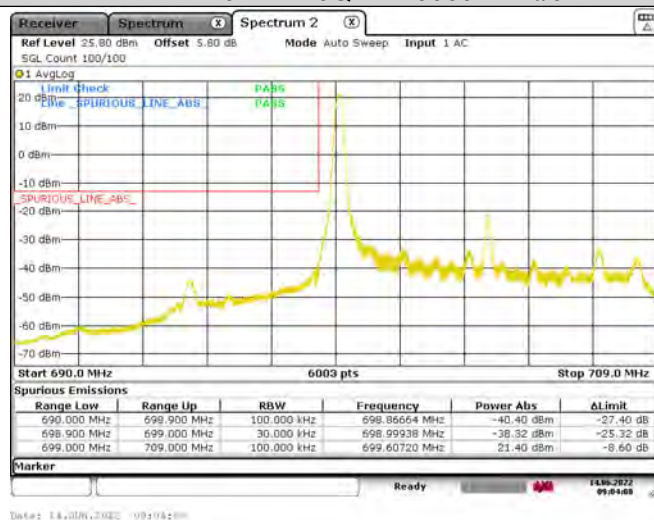
Band12-10MHz-QPSK-23130-1RB#49



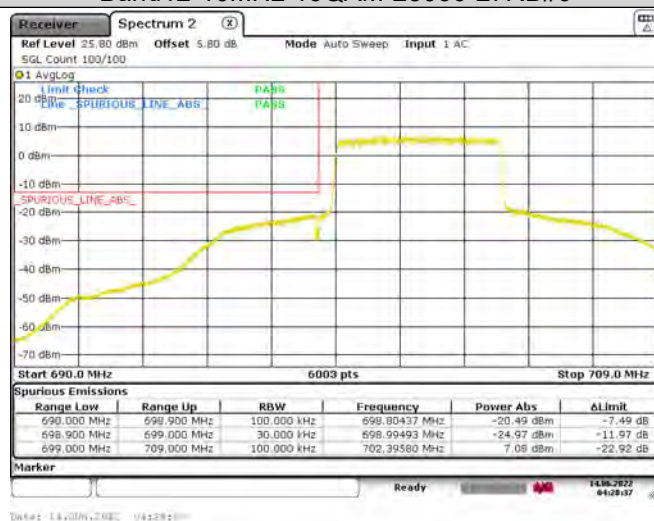
Band12-10MHz-QPSK-23130-50RB#0



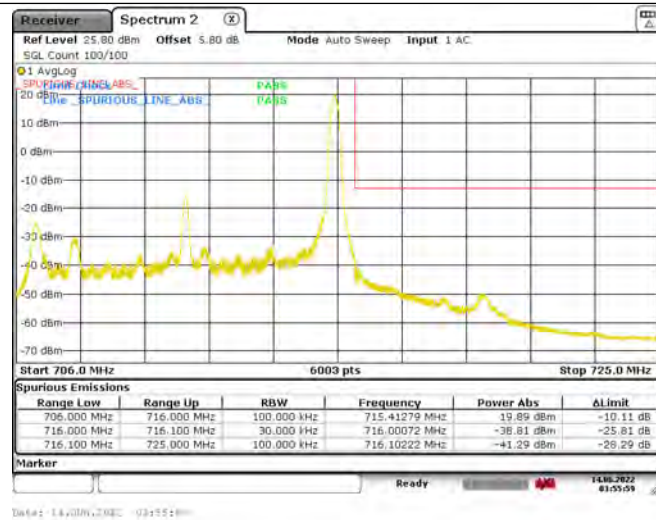
Band12-10MHz-16QAM-23060-1RB#0



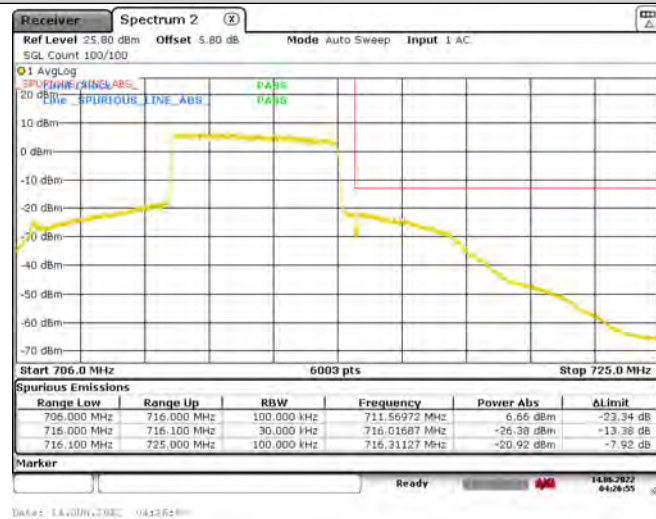
Band12-10MHz-16QAM-23060-27RB#0



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



Band12-10MHz-16QAM-23130-27RB#23



CONDUCTED SPURIOUS EMISSION

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Frequency Range	Result (dBm)	Verdict
Band12	1.4MHz	QPSK	23017	1RB#0	Range1:30~1000MHz	-40.4	PASS
Band12	1.4MHz	QPSK	23017	1RB#0	Range2:1000~10000MHz	-34.13	PASS
Band12	1.4MHz	QPSK	23095	1RB#0	Range1:30~1000MHz	-40.6	PASS
Band12	1.4MHz	QPSK	23095	1RB#0	Range2:1000~10000MHz	-34.62	PASS
Band12	1.4MHz	QPSK	23173	1RB#0	Range1:30~1000MHz	-39.47	PASS
Band12	1.4MHz	QPSK	23173	1RB#0	Range2:1000~10000MHz	-33.57	PASS
Band12	1.4MHz	16QAM	23017	1RB#0	Range1:30~1000MHz	-40.43	PASS
Band12	1.4MHz	16QAM	23017	1RB#0	Range2:1000~10000MHz	-34.06	PASS
Band12	1.4MHz	16QAM	23095	1RB#0	Range1:30~1000MHz	-40.29	PASS
Band12	1.4MHz	16QAM	23095	1RB#0	Range2:1000~10000MHz	-35.36	PASS
Band12	1.4MHz	16QAM	23173	1RB#0	Range1:30~1000MHz	-40.74	PASS
Band12	1.4MHz	16QAM	23173	1RB#0	Range2:1000~10000MHz	-34.84	PASS
Band12	3MHz	QPSK	23025	1RB#0	Range1:30~1000MHz	-40.58	PASS
Band12	3MHz	QPSK	23025	1RB#0	Range2:1000~10000MHz	-34.21	PASS
Band12	3MHz	QPSK	23095	1RB#0	Range1:30~1000MHz	-40.8	PASS
Band12	3MHz	QPSK	23095	1RB#0	Range2:1000~10000MHz	-35.15	PASS
Band12	3MHz	QPSK	23165	1RB#0	Range1:30~1000MHz	-39.76	PASS
Band12	3MHz	QPSK	23165	1RB#0	Range2:1000~10000MHz	-34.77	PASS
Band12	3MHz	16QAM	23025	1RB#0	Range1:30~1000MHz	-40.65	PASS
Band12	3MHz	16QAM	23025	1RB#0	Range2:1000~10000MHz	-34.42	PASS
Band12	3MHz	16QAM	23095	1RB#0	Range1:30~1000MHz	-40.06	PASS
Band12	3MHz	16QAM	23095	1RB#0	Range2:1000~10000MHz	-34.87	PASS
Band12	3MHz	16QAM	23165	1RB#0	Range1:30~1000MHz	-40.33	PASS
Band12	3MHz	16QAM	23165	1RB#0	Range2:1000~10000MHz	-34.8	PASS
Band12	5MHz	QPSK	23035	1RB#0	Range1:30~1000MHz	-40.18	PASS
Band12	5MHz	QPSK	23035	1RB#0	Range2:1000~10000MHz	-34.54	PASS
Band12	5MHz	QPSK	23095	1RB#0	Range1:30~1000MHz	-39.67	PASS
Band12	5MHz	QPSK	23095	1RB#0	Range2:1000~10000MHz	-34.4	PASS
Band12	5MHz	QPSK	23155	1RB#0	Range1:30~1000MHz	-39.76	PASS
Band12	5MHz	QPSK	23155	1RB#0	Range2:1000~10000MHz	-34	PASS
Band12	5MHz	16QAM	23035	1RB#0	Range1:30~1000MHz	-38.25	PASS
Band12	5MHz	16QAM	23035	1RB#0	Range2:1000~10000MHz	-34.82	PASS
Band12	5MHz	16QAM	23095	1RB#0	Range1:30~1000MHz	-40.51	PASS
Band12	5MHz	16QAM	23095	1RB#0	Range2:1000~10000MHz	-35.29	PASS
Band12	5MHz	16QAM	23155	1RB#0	Range1:30~1000MHz	-40.45	PASS
Band12	5MHz	16QAM	23155	1RB#0	Range2:1000~10000MHz	-35.45	PASS
Band12	10MHz	QPSK	23060	1RB#0	Range1:30~1000MHz	-39.19	PASS
Band12	10MHz	QPSK	23060	1RB#0	Range2:1000~10000MHz	-34.82	PASS
Band12	10MHz	QPSK	23095	1RB#0	Range1:30~1000MHz	-40.18	PASS
Band12	10MHz	QPSK	23095	1RB#0	Range2:1000~10000MHz	-34.43	PASS
Band12	10MHz	QPSK	23130	1RB#0	Range1:30~1000MHz	-39.41	PASS
Band12	10MHz	QPSK	23130	1RB#0	Range2:1000~10000MHz	-35.11	PASS
Band12	10MHz	16QAM	23060	1RB#0	Range1:30~1000MHz	-40.64	PASS
Band12	10MHz	16QAM	23060	1RB#0	Range2:1000~10000MHz	-33.79	PASS
Band12	10MHz	16QAM	23095	1RB#0	Range1:30~1000MHz	-40.71	PASS



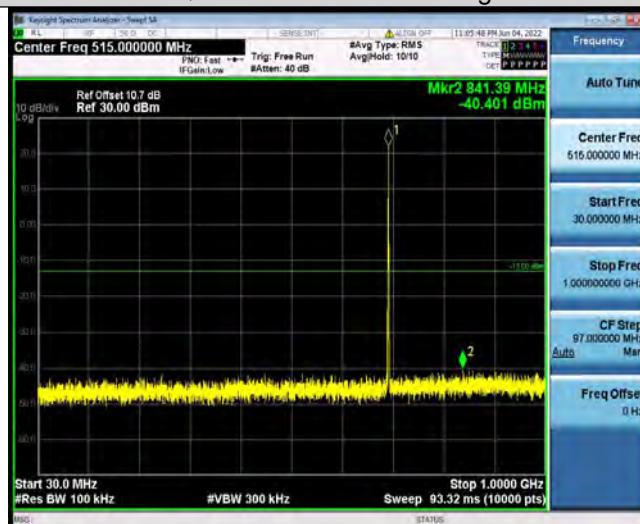
BUREAU
VERITAS

Test Report No.: PSU-NQN2204290110RF03

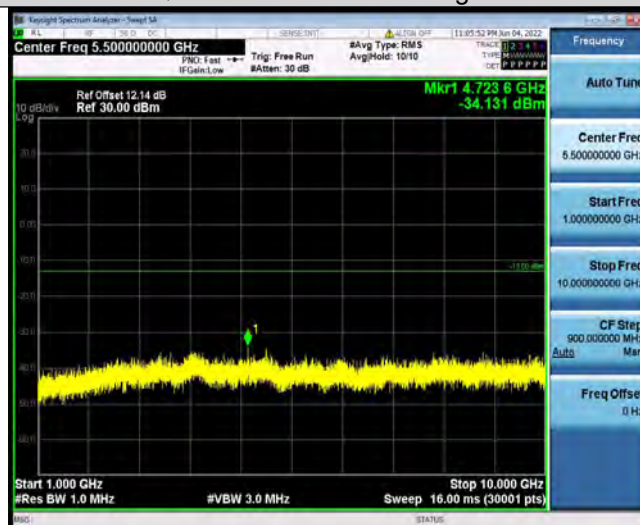
Band12	10MHz	16QAM	23095	1RB#0	Range2:1000~10000MHz	-35.13	PASS
Band12	10MHz	16QAM	23130	1RB#0	Range1:30~1000MHz	-40.89	PASS
Band12	10MHz	16QAM	23130	1RB#0	Range2:1000~10000MHz	-33.19	PASS

Test Graphs

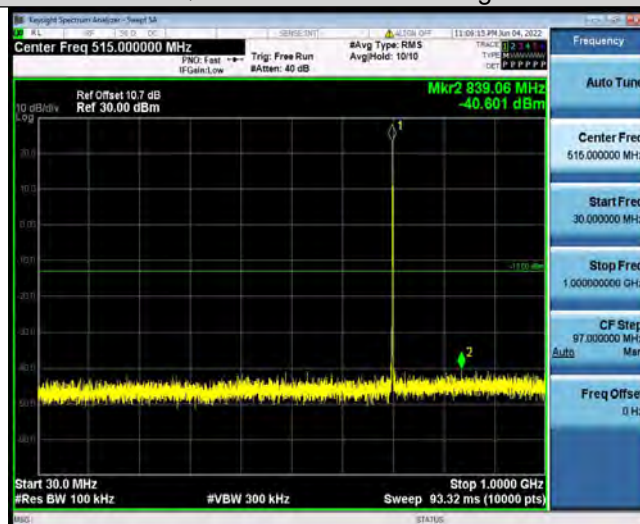
Band12-1.4MHz-QPSK-23017-1RB#0-Range1:30~1000MHz



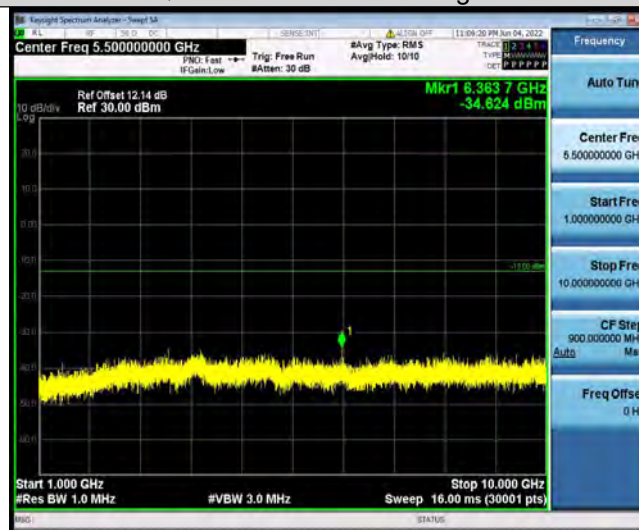
Band12-1.4MHz-QPSK-23017-1RB#0-Range2:1000~10000MHz



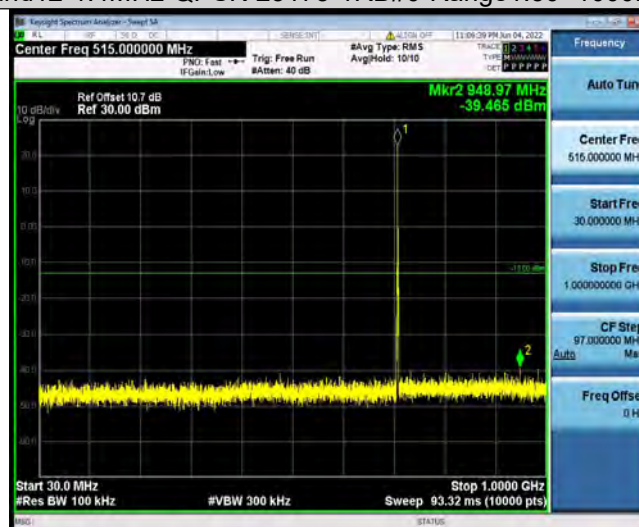
Band12-1.4MHz-QPSK-23095-1RB#0-Range1:30~1000MHz



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



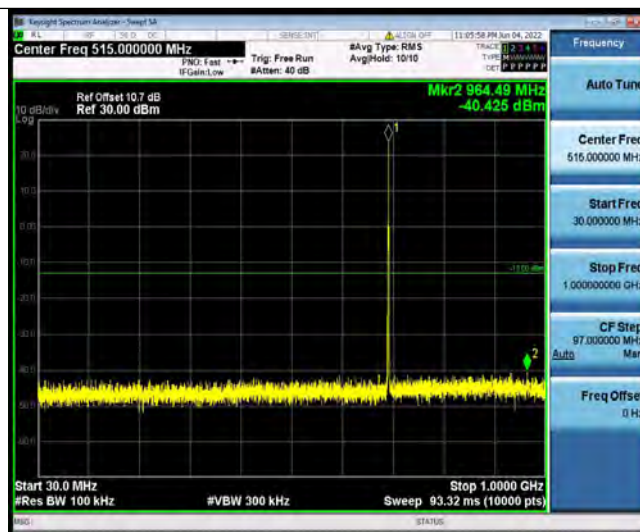
Band12-1.4MHz-QPSK-23173-1RB#0-Range1:30~1000MHz



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



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



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



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



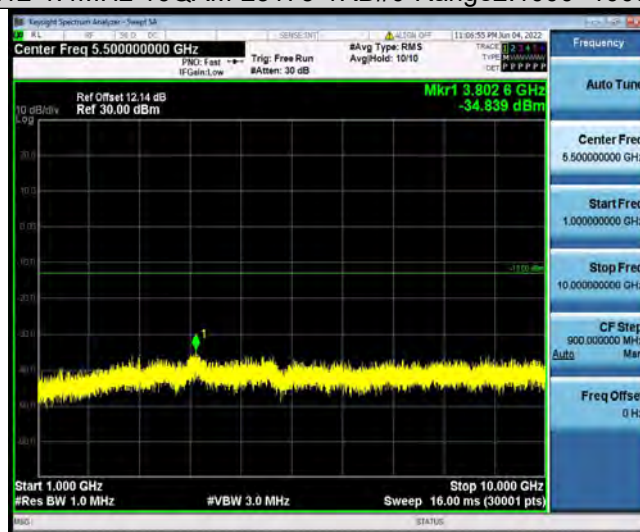
Band12-1.4MHz-16QAM-23095-1RB#0-Range2:1000~10000MHz



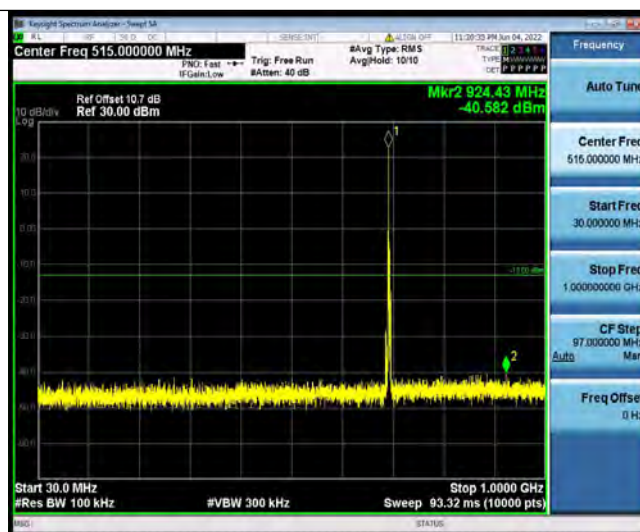
Band12-1.4MHz-16QAM-23173-1RB#0-Range1:30~1000MHz



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



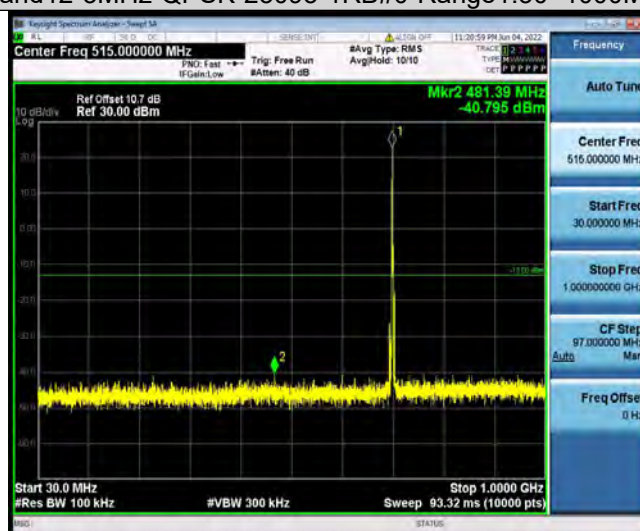
Band12-3MHz-QPSK-23025-1RB#0-Range1:30~1000MHz



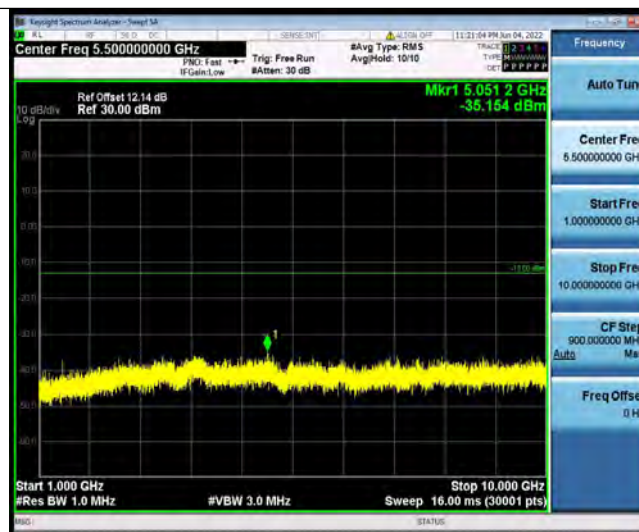
Band12-3MHz-QPSK-23025-1RB#0-Range2:1000~10000MHz



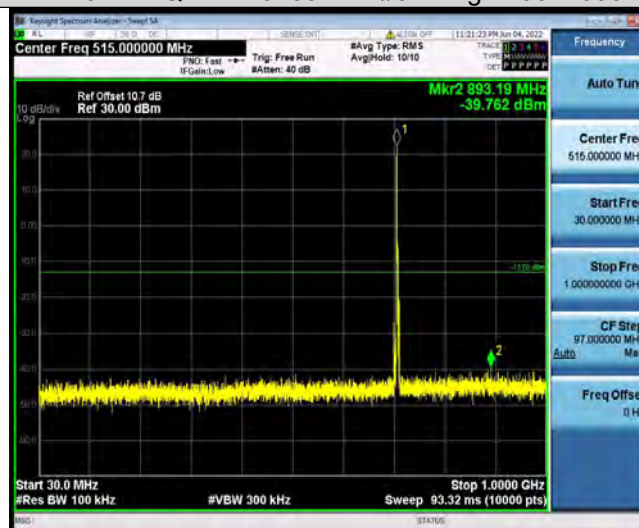
Band12-3MHz-QPSK-23095-1RB#0-Range1:30~1000MHz



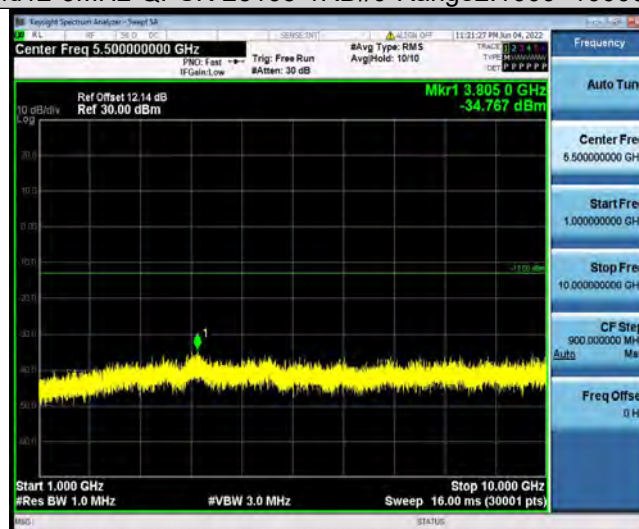
Band12-3MHz-QPSK-23095-1RB#0-Range2:1000~10000MHz



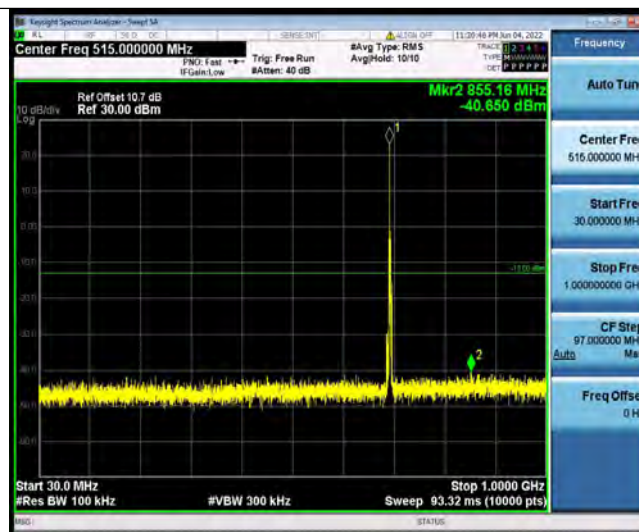
Band12-3MHz-QPSK-23165-1RB#0-Range1:30~1000MHz



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



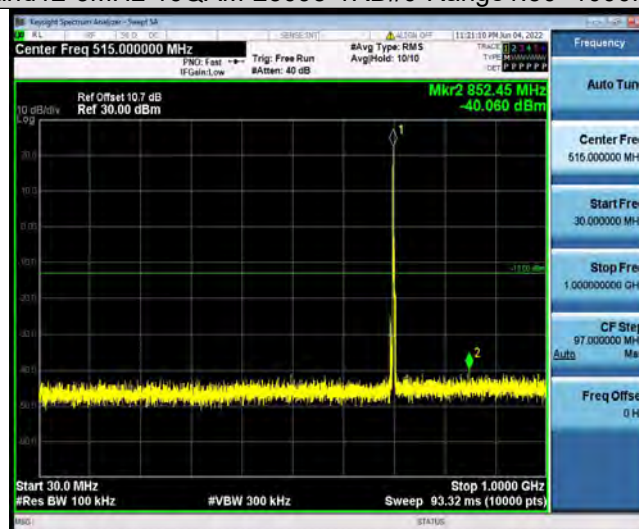
Band12-3MHz-16QAM-23025-1RB#0-Range1:30~1000MHz



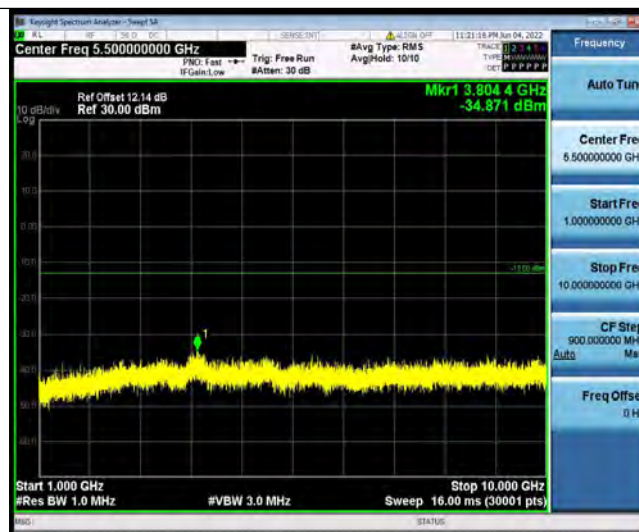
Band12-3MHz-16QAM-23025-1RB#0-Range2:1000~10000MHz



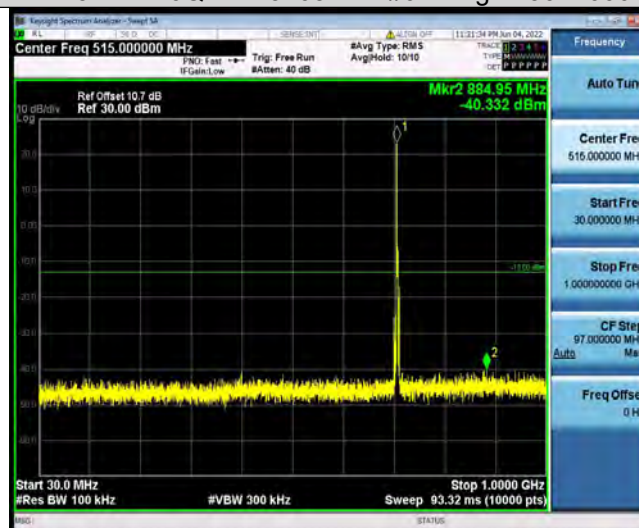
Band12-3MHz-16QAM-23095-1RB#0-Range1:30~1000MHz



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



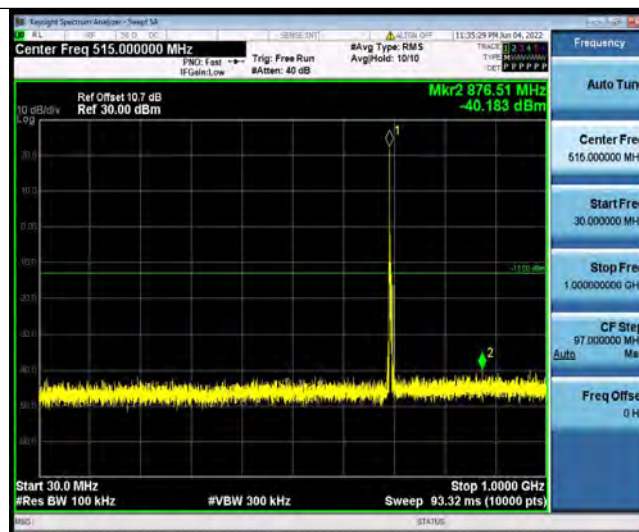
Band12-3MHz-16QAM-23165-1RB#0-Range1:30~1000MHz



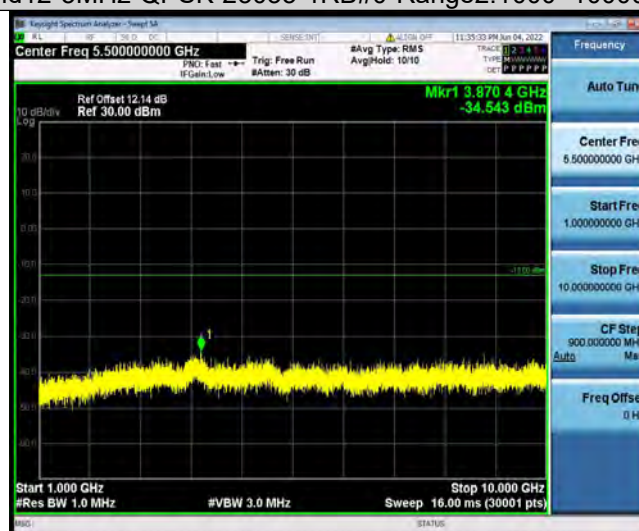
Band12-3MHz-16QAM-23165-1RB#0-Range2:1000~10000MHz



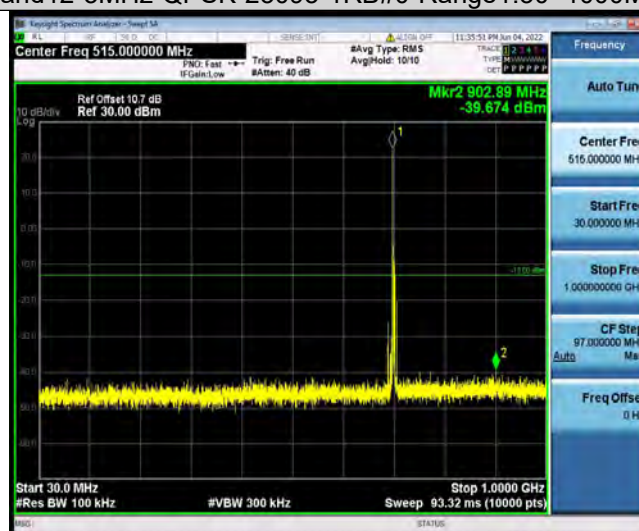
Band12-5MHz-QPSK-23035-1RB#0-Range1:30~1000MHz



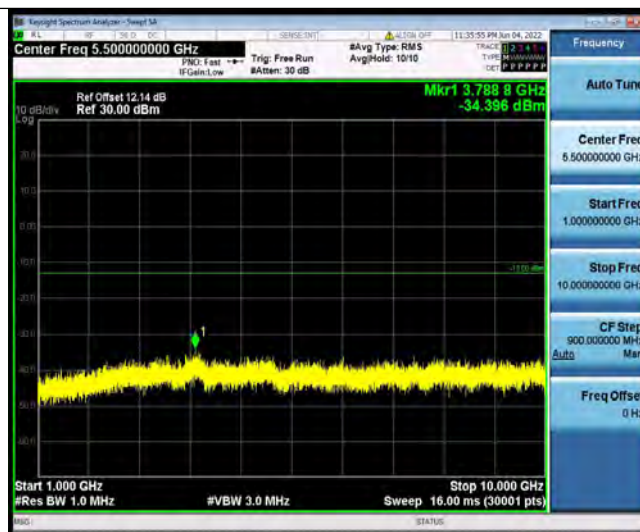
Band12-5MHz-QPSK-23035-1RB#0-Range2:1000~10000MHz



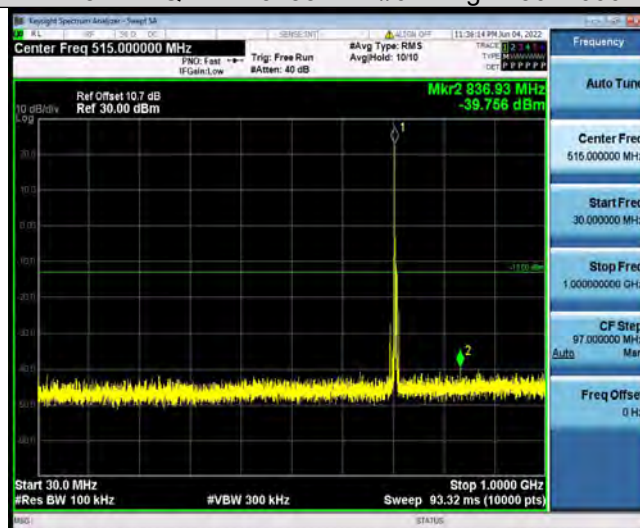
Band12-5MHz-QPSK-23095-1RB#0-Range1:30~1000MHz



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



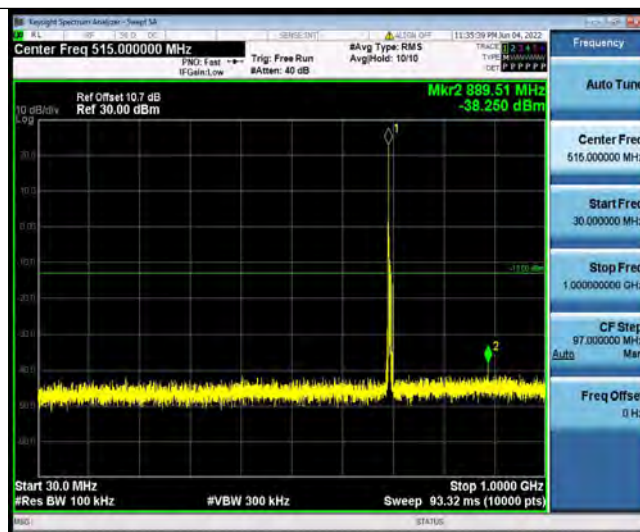
Band12-5MHz-QPSK-23155-1RB#0-Range1:30~1000MHz



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



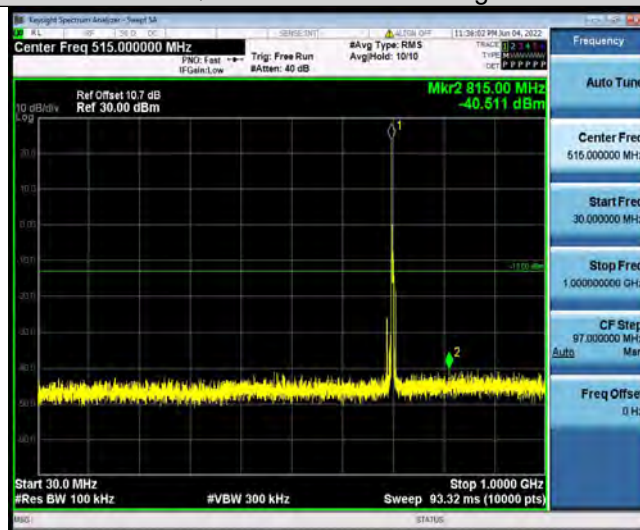
Band12-5MHz-16QAM-23035-1RB#0-Range1:30~1000MHz



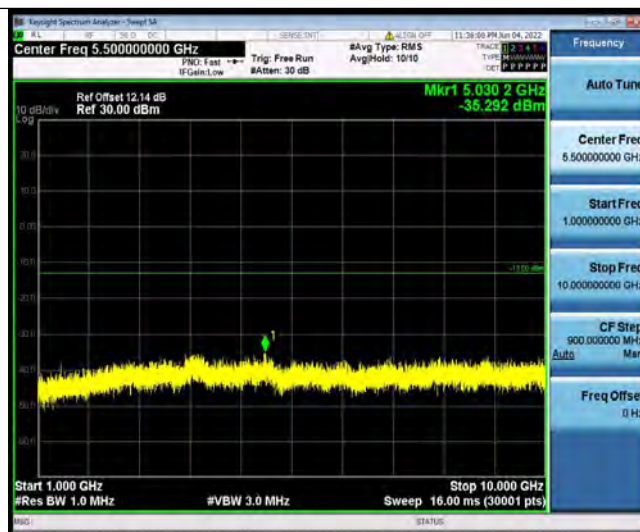
Band12-5MHz-16QAM-23035-1RB#0-Range2:1000~10000MHz



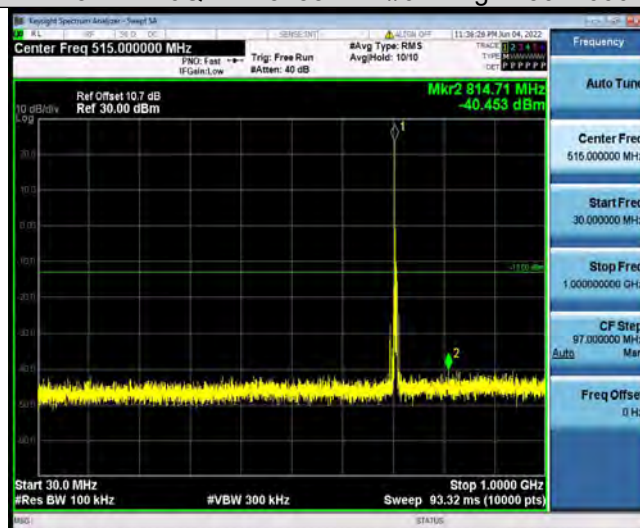
Band12-5MHz-16QAM-23095-1RB#0-Range1:30~1000MHz



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



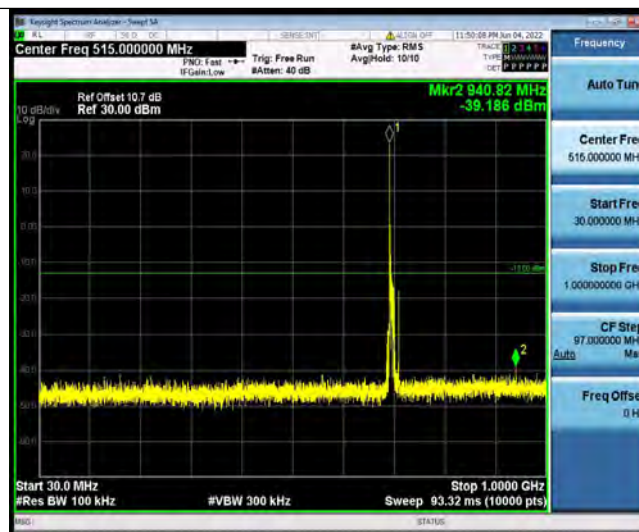
Band12-5MHz-16QAM-23155-1RB#0-Range1:30~1000MHz



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



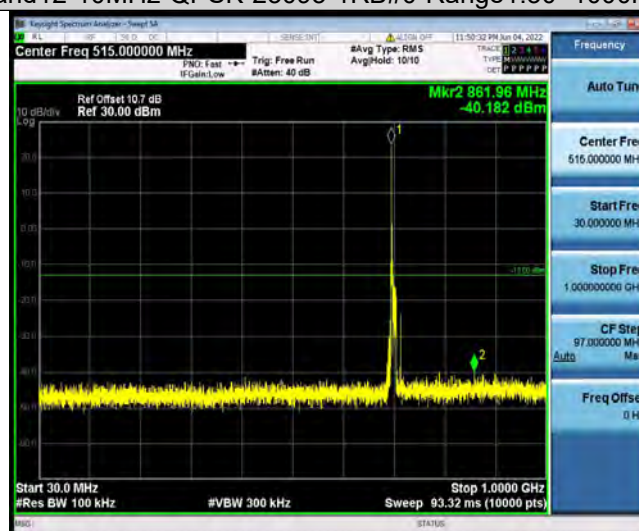
Band12-10MHz-QPSK-23060-1RB#0-Range1:30~1000MHz



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



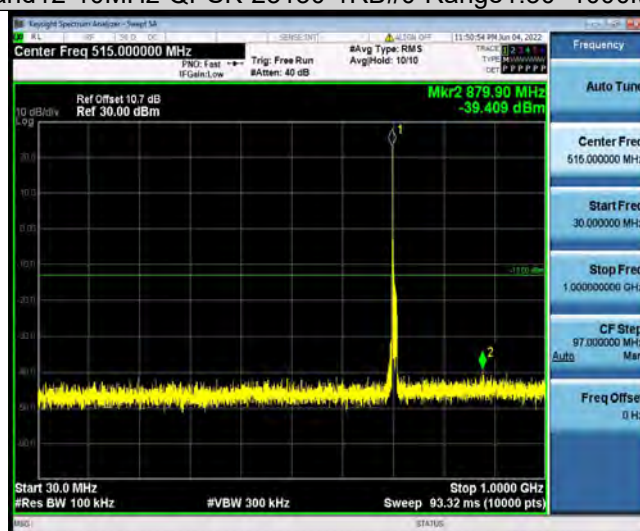
Band12-10MHz-QPSK-23095-1RB#0-Range1:30~1000MHz



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



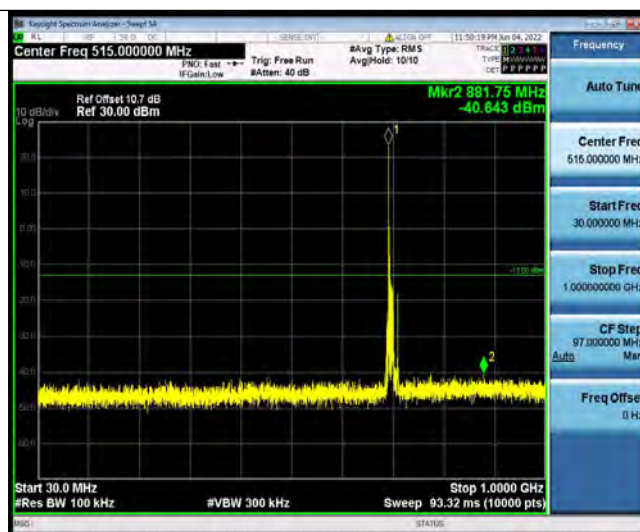
Band12-10MHz-QPSK-23130-1RB#0-Range1:30~1000MHz



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



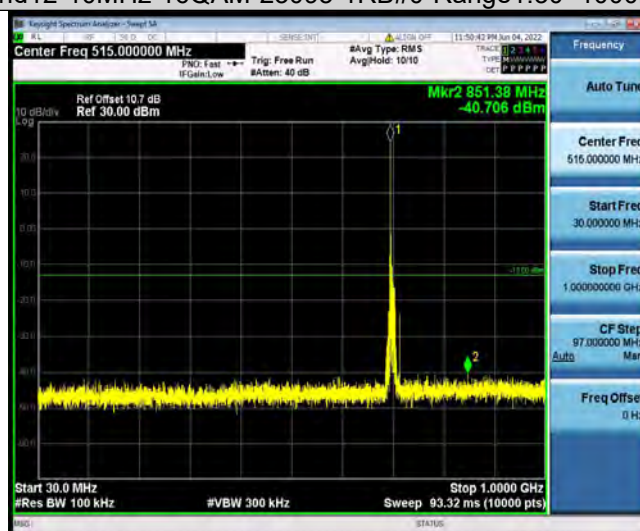
Band12-10MHz-16QAM-23060-1RB#0-Range1:30~1000MHz



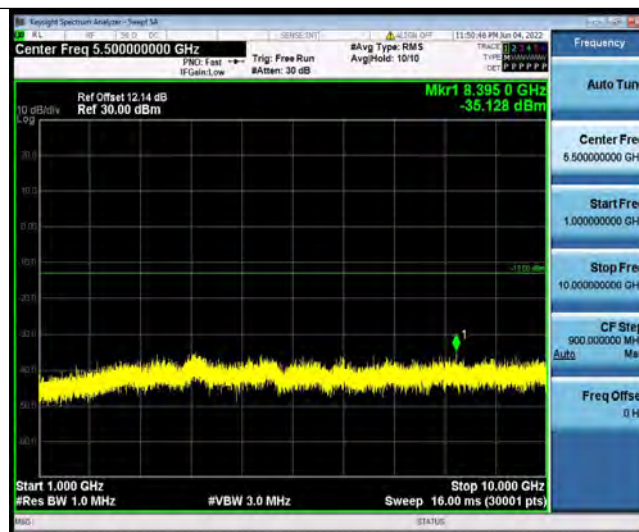
Band12-10MHz-16QAM-23060-1RB#0-Range2:1000~10000MHz



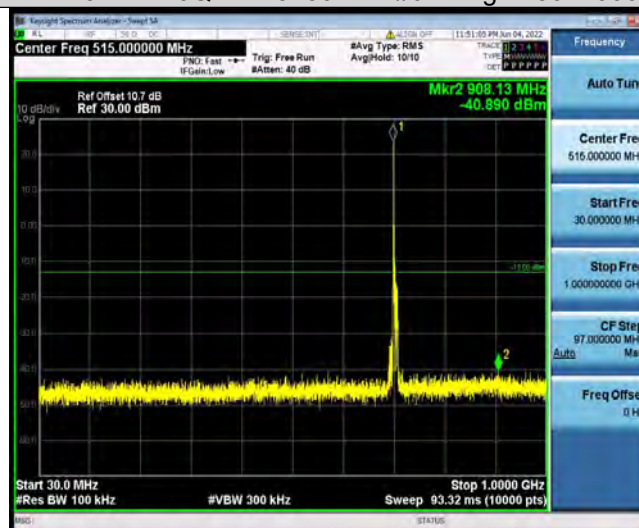
Band12-10MHz-16QAM-23095-1RB#0-Range1:30~1000MHz



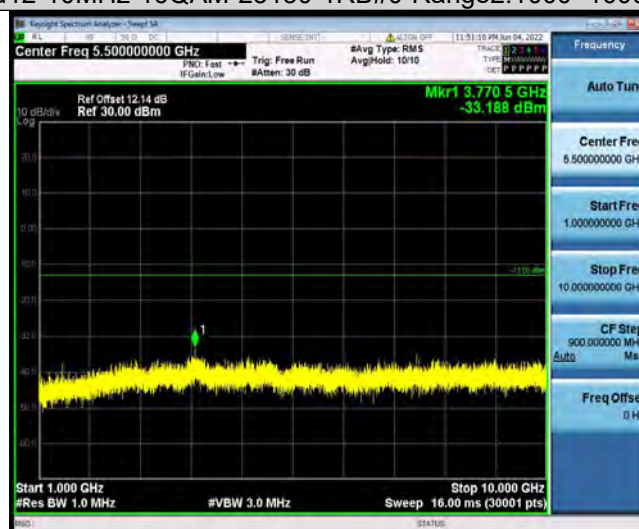
Band12-10MHz-16QAM-23095-1RB#0-Range2:1000~10000MHz



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



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



FREQUENCY STABILITY

Test Result

Voltage										
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band1_2	1.4MHz	QPSK	23017	6RB#0	VL	NT	-7.55	-0.010790	±2.5	PASS
Band1_2	1.4MHz	QPSK	23017	6RB#0	VN	NT	-7.11	-0.010161	±2.5	PASS
Band1_2	1.4MHz	QPSK	23017	6RB#0	VH	NT	-7.31	-0.010447	±2.5	PASS
Band1_2	1.4MHz	QPSK	23095	6RB#0	VL	NT	-6.64	-0.009385	±2.5	PASS
Band1_2	1.4MHz	QPSK	23095	6RB#0	VN	NT	-4.16	-0.005880	±2.5	PASS
Band1_2	1.4MHz	QPSK	23095	6RB#0	VH	NT	-8.27	-0.011689	±2.5	PASS
Band1_2	1.4MHz	QPSK	23173	6RB#0	VL	NT	-6.65	-0.009297	±2.5	PASS
Band1_2	1.4MHz	QPSK	23173	6RB#0	VN	NT	-2.52	-0.003523	±2.5	PASS
Band1_2	1.4MHz	QPSK	23173	6RB#0	VH	NT	-8.83	-0.012344	±2.5	PASS
Band1_2	1.4MHz	16QAM	23017	6RB#0	VL	NT	-6.59	-0.009418	±2.5	PASS
Band1_2	1.4MHz	16QAM	23017	6RB#0	VN	NT	-7.41	-0.010590	±2.5	PASS
Band1_2	1.4MHz	16QAM	23017	6RB#0	VH	NT	-6.81	-0.009733	±2.5	PASS
Band1_2	1.4MHz	16QAM	23095	6RB#0	VL	NT	-7.75	-0.010954	±2.5	PASS
Band1_2	1.4MHz	16QAM	23095	6RB#0	VN	NT	-7.40	-0.010459	±2.5	PASS
Band1_2	1.4MHz	16QAM	23095	6RB#0	VH	NT	-6.61	-0.009343	±2.5	PASS
Band1_2	1.4MHz	16QAM	23173	6RB#0	VL	NT	-7.54	-0.010541	±2.5	PASS
Band1_2	1.4MHz	16QAM	23173	6RB#0	VN	NT	-7.31	-0.010219	±2.5	PASS
Band1_2	1.4MHz	16QAM	23173	6RB#0	VH	NT	-8.64	-0.012079	±2.5	PASS
Band1_2	3MHz	QPSK	23025	15RB#0	VL	NT	-3.38	-0.004825	±2.5	PASS
Band1_2	3MHz	QPSK	23025	15RB#0	VN	NT	-4.23	-0.006039	±2.5	PASS
Band1_2	3MHz	QPSK	23025	15RB#0	VH	NT	-3.58	-0.005111	±2.5	PASS
Band1	3MHz	QPSK	23095	15RB#0	VL	NT	-8.34	-0.011788	±2.5	PASS



Test Report No.: PSU-NQN2204290110RF03

2										
Band1 2	3MHz	QPSK	23095	15RB#0	VN	NT	-1.93	-0.002728	±2.5	PASS
Band1 2	3MHz	QPSK	23095	15RB#0	VH	NT	-8.34	-0.011788	±2.5	PASS
Band1 2	3MHz	QPSK	23165	15RB#0	VL	NT	-6.59	-0.009223	±2.5	PASS
Band1 2	3MHz	QPSK	23165	15RB#0	VN	NT	-2.80	-0.003919	±2.5	PASS
Band1 2	3MHz	QPSK	23165	15RB#0	VH	NT	-6.68	-0.009349	±2.5	PASS
Band1 2	3MHz	16QAM	23025	15RB#0	VL	NT	-1.87	-0.002670	±2.5	PASS
Band1 2	3MHz	16QAM	23025	15RB#0	VN	NT	-3.29	-0.004697	±2.5	PASS
Band1 2	3MHz	16QAM	23025	15RB#0	VH	NT	-2.56	-0.003655	±2.5	PASS
Band1 2	3MHz	16QAM	23095	15RB#0	VL	NT	-8.25	-0.011661	±2.5	PASS
Band1 2	3MHz	16QAM	23095	15RB#0	VN	NT	-6.72	-0.009498	±2.5	PASS
Band1 2	3MHz	16QAM	23095	15RB#0	VH	NT	-6.68	-0.009442	±2.5	PASS
Band1 2	3MHz	16QAM	23165	15RB#0	VL	NT	-8.48	-0.011868	±2.5	PASS
Band1 2	3MHz	16QAM	23165	15RB#0	VN	NT	-8.14	-0.011393	±2.5	PASS
Band1 2	3MHz	16QAM	23165	15RB#0	VH	NT	-6.81	-0.009531	±2.5	PASS
Band1 2	5MHz	QPSK	23035	25RB#0	VL	NT	-3.60	-0.005132	±2.5	PASS
Band1 2	5MHz	QPSK	23035	25RB#0	VN	NT	-3.10	-0.004419	±2.5	PASS
Band1 2	5MHz	QPSK	23035	25RB#0	VH	NT	-3.66	-0.005217	±2.5	PASS
Band1 2	5MHz	QPSK	23095	25RB#0	VL	NT	-7.52	-0.010629	±2.5	PASS
Band1 2	5MHz	QPSK	23095	25RB#0	VN	NT	-2.07	-0.002926	±2.5	PASS
Band1 2	5MHz	QPSK	23095	25RB#0	VH	NT	-7.67	-0.010841	±2.5	PASS
Band1 2	5MHz	QPSK	23155	25RB#0	VL	NT	-8.14	-0.011409	±2.5	PASS
Band1 2	5MHz	QPSK	23155	25RB#0	VN	NT	-3.00	-0.004205	±2.5	PASS
Band1 2	5MHz	QPSK	23155	25RB#0	VH	NT	-8.24	-0.011549	±2.5	PASS
Band1 2	5MHz	16QAM	23035	25RB#0	VL	NT	-7.57	-0.010791	±2.5	PASS
Band1 2	5MHz	16QAM	23035	25RB#0	VN	NT	-8.21	-0.011703	±2.5	PASS
Band1 2	5MHz	16QAM	23035	25RB#0	VH	NT	-7.02	-0.010007	±2.5	PASS
Band1	5MHz	16QAM	23095	25RB#0	VL	NT	-8.87	-0.012537	±2.5	PASS



Test Report No.: PSU-NQN2204290110RF03

2										
Band1 2	5MHz	16QAM	23095	25RB#0	VN	NT	-8.77	-0.012396	±2.5	PASS
Band1 2	5MHz	16QAM	23095	25RB#0	VH	NT	-7.87	-0.011124	±2.5	PASS
Band1 2	5MHz	16QAM	23155	25RB#0	VL	NT	-5.21	-0.007302	±2.5	PASS
Band1 2	5MHz	16QAM	23155	25RB#0	VN	NT	-6.79	-0.009516	±2.5	PASS
Band1 2	5MHz	16QAM	23155	25RB#0	VH	NT	-7.04	-0.009867	±2.5	PASS
Band1 2	10MHz	QPSK	23060	50RB#0	VL	NT	-4.65	-0.006605	±2.5	PASS
Band1 2	10MHz	QPSK	23060	50RB#0	VN	NT	-5.79	-0.008224	±2.5	PASS
Band1 2	10MHz	QPSK	23060	50RB#0	VH	NT	-5.46	-0.007756	±2.5	PASS
Band1 2	10MHz	QPSK	23095	50RB#0	VL	NT	-8.18	-0.011562	±2.5	PASS
Band1 2	10MHz	QPSK	23095	50RB#0	VN	NT	-4.58	-0.006473	±2.5	PASS
Band1 2	10MHz	QPSK	23095	50RB#0	VH	NT	-8.30	-0.011731	±2.5	PASS
Band1 2	10MHz	QPSK	23130	50RB#0	VL	NT	-6.74	-0.009480	±2.5	PASS
Band1 2	10MHz	QPSK	23130	50RB#0	VN	NT	-2.66	-0.003741	±2.5	PASS
Band1 2	10MHz	QPSK	23130	50RB#0	VH	NT	-7.24	-0.010183	±2.5	PASS
Band1 2	10MHz	16QAM	23060	27RB#0	VL	NT	-9.04	-0.012841	±2.5	PASS
Band1 2	10MHz	16QAM	23060	27RB#0	VN	NT	-7.93	-0.011264	±2.5	PASS
Band1 2	10MHz	16QAM	23060	27RB#0	VH	NT	-7.58	-0.010767	±2.5	PASS
Band1 2	10MHz	16QAM	23095	27RB#0	VL	NT	-8.58	-0.012127	±2.5	PASS
Band1 2	10MHz	16QAM	23095	27RB#0	VN	NT	-5.06	-0.007152	±2.5	PASS
Band1 2	10MHz	16QAM	23095	27RB#0	VH	NT	-9.23	-0.013046	±2.5	PASS
Band1 2	10MHz	16QAM	23130	27RB#0	VL	NT	-3.89	-0.005471	±2.5	PASS
Band1 2	10MHz	16QAM	23130	27RB#0	VN	NT	-2.80	-0.003938	±2.5	PASS
Band1 2	10MHz	16QAM	23130	27RB#0	VH	NT	-3.13	-0.004402	±2.5	PASS

Temperature										
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band1 2	1.4MHz	QPSK	23017	6RB#0	NV	-30	-7.05	-0.010076	±2.5	PASS



Test Report No.: PSU-NQN2204290110RF03

Band1 2	1.4MHz	QPSK	23017	6RB#0	NV	-20	-6.44	-0.009204	±2.5	PASS
Band1 2	1.4MHz	QPSK	23017	6RB#0	NV	0	-8.37	-0.011962	±2.5	PASS
Band1 2	1.4MHz	QPSK	23017	6RB#0	NV	10	-6.91	-0.009876	±2.5	PASS
Band1 2	1.4MHz	QPSK	23017	6RB#0	NV	20	-6.61	-0.009447	±2.5	PASS
Band1 2	1.4MHz	QPSK	23017	6RB#0	NV	30	-7.11	-0.010161	±2.5	PASS
Band1 2	1.4MHz	QPSK	23017	6RB#0	NV	40	-6.72	-0.009604	±2.5	PASS
Band1 2	1.4MHz	QPSK	23017	6RB#0	NV	50	-7.77	-0.011105	±2.5	PASS
Band1 2	1.4MHz	QPSK	23095	6RB#0	NV	-30	-7.90	-0.011166	±2.5	PASS
Band1 2	1.4MHz	QPSK	23095	6RB#0	NV	-20	-8.33	-0.011774	±2.5	PASS
Band1 2	1.4MHz	QPSK	23095	6RB#0	NV	0	-7.71	-0.010898	±2.5	PASS
Band1 2	1.4MHz	QPSK	23095	6RB#0	NV	10	-8.07	-0.011406	±2.5	PASS
Band1 2	1.4MHz	QPSK	23095	6RB#0	NV	20	-7.81	-0.011039	±2.5	PASS
Band1 2	1.4MHz	QPSK	23095	6RB#0	NV	30	-7.10	-0.010035	±2.5	PASS
Band1 2	1.4MHz	QPSK	23095	6RB#0	NV	40	-8.43	-0.011915	±2.5	PASS
Band1 2	1.4MHz	QPSK	23095	6RB#0	NV	50	-6.95	-0.009823	±2.5	PASS
Band1 2	1.4MHz	QPSK	23173	6RB#0	NV	-30	-6.08	-0.008500	±2.5	PASS
Band1 2	1.4MHz	QPSK	23173	6RB#0	NV	-20	-6.82	-0.009534	±2.5	PASS
Band1 2	1.4MHz	QPSK	23173	6RB#0	NV	0	-6.97	-0.009744	±2.5	PASS
Band1 2	1.4MHz	QPSK	23173	6RB#0	NV	10	-6.95	-0.009716	±2.5	PASS
Band1 2	1.4MHz	QPSK	23173	6RB#0	NV	20	-7.01	-0.009800	±2.5	PASS
Band1 2	1.4MHz	QPSK	23173	6RB#0	NV	30	-6.77	-0.009465	±2.5	PASS
Band1 2	1.4MHz	QPSK	23173	6RB#0	NV	40	-7.32	-0.010233	±2.5	PASS
Band1 2	1.4MHz	QPSK	23173	6RB#0	NV	50	-7.71	-0.010779	±2.5	PASS
Band1 2	1.4MHz	16QAM	23017	6RB#0	NV	-30	-7.15	-0.010219	±2.5	PASS
Band1 2	1.4MHz	16QAM	23017	6RB#0	NV	-20	-8.20	-0.011719	±2.5	PASS
Band1 2	1.4MHz	16QAM	23017	6RB#0	NV	0	-7.08	-0.010119	±2.5	PASS
Band1 2	1.4MHz	16QAM	23017	6RB#0	NV	10	-7.35	-0.010505	±2.5	PASS

Band1 2	1.4MHz	16QAM	23017	6RB#0	NV	20	-7.57	-0.010819	±2.5	PASS
Band1 2	1.4MHz	16QAM	23017	6RB#0	NV	30	-8.31	-0.011877	±2.5	PASS
Band1 2	1.4MHz	16QAM	23017	6RB#0	NV	40	-6.78	-0.009690	±2.5	PASS
Band1 2	1.4MHz	16QAM	23017	6RB#0	NV	50	-7.95	-0.011362	±2.5	PASS
Band1 2	1.4MHz	16QAM	23095	6RB#0	NV	-30	-6.62	-0.009357	±2.5	PASS
Band1 2	1.4MHz	16QAM	23095	6RB#0	NV	-20	-7.30	-0.010318	±2.5	PASS
Band1 2	1.4MHz	16QAM	23095	6RB#0	NV	0	-7.88	-0.011138	±2.5	PASS
Band1 2	1.4MHz	16QAM	23095	6RB#0	NV	10	-6.65	-0.009399	±2.5	PASS
Band1 2	1.4MHz	16QAM	23095	6RB#0	NV	20	-8.08	-0.011420	±2.5	PASS
Band1 2	1.4MHz	16QAM	23095	6RB#0	NV	30	-7.34	-0.010375	±2.5	PASS
Band1 2	1.4MHz	16QAM	23095	6RB#0	NV	40	-10.70	-0.015124	±2.5	PASS
Band1 2	1.4MHz	16QAM	23095	6RB#0	NV	50	-7.70	-0.010883	±2.5	PASS
Band1 2	1.4MHz	16QAM	23173	6RB#0	NV	-30	-5.62	-0.007857	±2.5	PASS
Band1 2	1.4MHz	16QAM	23173	6RB#0	NV	-20	-5.75	-0.008039	±2.5	PASS
Band1 2	1.4MHz	16QAM	23173	6RB#0	NV	0	-5.98	-0.008360	±2.5	PASS
Band1 2	1.4MHz	16QAM	23173	6RB#0	NV	10	-8.14	-0.011380	±2.5	PASS
Band1 2	1.4MHz	16QAM	23173	6RB#0	NV	20	-6.39	-0.008933	±2.5	PASS
Band1 2	1.4MHz	16QAM	23173	6RB#0	NV	30	-7.97	-0.011142	±2.5	PASS
Band1 2	1.4MHz	16QAM	23173	6RB#0	NV	40	-6.68	-0.009339	±2.5	PASS
Band1 2	1.4MHz	16QAM	23173	6RB#0	NV	50	-6.19	-0.008654	±2.5	PASS
Band1 2	3MHz	QPSK	23025	15RB#0	NV	-30	-2.57	-0.003669	±2.5	PASS
Band1 2	3MHz	QPSK	23025	15RB#0	NV	-20	-2.70	-0.003854	±2.5	PASS
Band1 2	3MHz	QPSK	23025	15RB#0	NV	0	-3.25	-0.004640	±2.5	PASS
Band1 2	3MHz	QPSK	23025	15RB#0	NV	10	-3.60	-0.005139	±2.5	PASS
Band1 2	3MHz	QPSK	23025	15RB#0	NV	20	-4.02	-0.005739	±2.5	PASS
Band1 2	3MHz	QPSK	23025	15RB#0	NV	30	-3.69	-0.005268	±2.5	PASS
Band1 2	3MHz	QPSK	23025	15RB#0	NV	40	-4.02	-0.005739	±2.5	PASS



Test Report No.: PSU-NQN2204290110RF03

Band1 2	3MHz	QPSK	23025	15RB#0	NV	50	-3.66	-0.005225	±2.5	PASS
Band1 2	3MHz	QPSK	23095	15RB#0	NV	-30	-7.65	-0.010813	±2.5	PASS
Band1 2	3MHz	QPSK	23095	15RB#0	NV	-20	-6.27	-0.008862	±2.5	PASS
Band1 2	3MHz	QPSK	23095	15RB#0	NV	0	-8.70	-0.012297	±2.5	PASS
Band1 2	3MHz	QPSK	23095	15RB#0	NV	10	-8.17	-0.011548	±2.5	PASS
Band1 2	3MHz	QPSK	23095	15RB#0	NV	20	-7.37	-0.010417	±2.5	PASS
Band1 2	3MHz	QPSK	23095	15RB#0	NV	30	-8.18	-0.011562	±2.5	PASS
Band1 2	3MHz	QPSK	23095	15RB#0	NV	40	-8.44	-0.011929	±2.5	PASS
Band1 2	3MHz	QPSK	23095	15RB#0	NV	50	-8.01	-0.011322	±2.5	PASS
Band1 2	3MHz	QPSK	23165	15RB#0	NV	-30	-7.24	-0.010133	±2.5	PASS
Band1 2	3MHz	QPSK	23165	15RB#0	NV	-20	-7.22	-0.010105	±2.5	PASS
Band1 2	3MHz	QPSK	23165	15RB#0	NV	0	-6.31	-0.008831	±2.5	PASS
Band1 2	3MHz	QPSK	23165	15RB#0	NV	10	-6.94	-0.009713	±2.5	PASS
Band1 2	3MHz	QPSK	23165	15RB#0	NV	20	-6.19	-0.008663	±2.5	PASS
Band1 2	3MHz	QPSK	23165	15RB#0	NV	30	-7.55	-0.010567	±2.5	PASS
Band1 2	3MHz	QPSK	23165	15RB#0	NV	40	-6.84	-0.009573	±2.5	PASS
Band1 2	3MHz	QPSK	23165	15RB#0	NV	50	-7.78	-0.010889	±2.5	PASS
Band1 2	3MHz	16QAM	23025	15RB#0	NV	-30	-1.90	-0.002712	±2.5	PASS
Band1 2	3MHz	16QAM	23025	15RB#0	NV	-20	-3.09	-0.004411	±2.5	PASS
Band1 2	3MHz	16QAM	23025	15RB#0	NV	0	-2.37	-0.003383	±2.5	PASS
Band1 2	3MHz	16QAM	23025	15RB#0	NV	10	-2.13	-0.003041	±2.5	PASS
Band1 2	3MHz	16QAM	23025	15RB#0	NV	20	-4.68	-0.006681	±2.5	PASS
Band1 2	3MHz	16QAM	23025	15RB#0	NV	30	-3.66	-0.005225	±2.5	PASS
Band1 2	3MHz	16QAM	23025	15RB#0	NV	40	-2.29	-0.003269	±2.5	PASS
Band1 2	3MHz	16QAM	23025	15RB#0	NV	50	-2.72	-0.003883	±2.5	PASS
Band1 2	3MHz	16QAM	23095	15RB#0	NV	-30	-6.74	-0.009527	±2.5	PASS
Band1 2	3MHz	16QAM	23095	15RB#0	NV	-20	-7.50	-0.010601	±2.5	PASS

Band1 2	3MHz	16QAM	23095	15RB#0	NV	0	-7.70	-0.010883	±2.5	PASS
Band1 2	3MHz	16QAM	23095	15RB#0	NV	10	-6.14	-0.008678	±2.5	PASS
Band1 2	3MHz	16QAM	23095	15RB#0	NV	20	-7.90	-0.011166	±2.5	PASS
Band1 2	3MHz	16QAM	23095	15RB#0	NV	30	-6.59	-0.009314	±2.5	PASS
Band1 2	3MHz	16QAM	23095	15RB#0	NV	40	-5.48	-0.007746	±2.5	PASS
Band1 2	3MHz	16QAM	23095	15RB#0	NV	50	-7.20	-0.010177	±2.5	PASS
Band1 2	3MHz	16QAM	23165	15RB#0	NV	-30	-5.87	-0.008216	±2.5	PASS
Band1 2	3MHz	16QAM	23165	15RB#0	NV	-20	-6.69	-0.009363	±2.5	PASS
Band1 2	3MHz	16QAM	23165	15RB#0	NV	0	-3.10	-0.004339	±2.5	PASS
Band1 2	3MHz	16QAM	23165	15RB#0	NV	10	-3.22	-0.004507	±2.5	PASS
Band1 2	3MHz	16QAM	23165	15RB#0	NV	20	-3.81	-0.005332	±2.5	PASS
Band1 2	3MHz	16QAM	23165	15RB#0	NV	30	-3.23	-0.004521	±2.5	PASS
Band1 2	3MHz	16QAM	23165	15RB#0	NV	40	-3.12	-0.004367	±2.5	PASS
Band1 2	3MHz	16QAM	23165	15RB#0	NV	50	-4.03	-0.005640	±2.5	PASS
Band1 2	5MHz	QPSK	23035	25RB#0	NV	-30	-6.32	-0.009009	±2.5	PASS
Band1 2	5MHz	QPSK	23035	25RB#0	NV	-20	-6.97	-0.009936	±2.5	PASS
Band1 2	5MHz	QPSK	23035	25RB#0	NV	0	-7.28	-0.010378	±2.5	PASS
Band1 2	5MHz	QPSK	23035	25RB#0	NV	10	-6.85	-0.009765	±2.5	PASS
Band1 2	5MHz	QPSK	23035	25RB#0	NV	20	-7.72	-0.011005	±2.5	PASS
Band1 2	5MHz	QPSK	23035	25RB#0	NV	30	-7.88	-0.011233	±2.5	PASS
Band1 2	5MHz	QPSK	23035	25RB#0	NV	40	-6.77	-0.009651	±2.5	PASS
Band1 2	5MHz	QPSK	23035	25RB#0	NV	50	-6.11	-0.008710	±2.5	PASS
Band1 2	5MHz	QPSK	23095	25RB#0	NV	-30	-7.18	-0.010148	±2.5	PASS
Band1 2	5MHz	QPSK	23095	25RB#0	NV	-20	-8.60	-0.012155	±2.5	PASS
Band1 2	5MHz	QPSK	23095	25RB#0	NV	0	-7.65	-0.010813	±2.5	PASS
Band1 2	5MHz	QPSK	23095	25RB#0	NV	10	-8.73	-0.012339	±2.5	PASS
Band1 2	5MHz	QPSK	23095	25RB#0	NV	20	-8.50	-0.012014	±2.5	PASS

Band1 2	5MHz	QPSK	23095	25RB#0	NV	30	-9.87	-0.013951	±2.5	PASS
Band1 2	5MHz	QPSK	23095	25RB#0	NV	40	-7.21	-0.010191	±2.5	PASS
Band1 2	5MHz	QPSK	23095	25RB#0	NV	50	-8.60	-0.012155	±2.5	PASS
Band1 2	5MHz	QPSK	23155	25RB#0	NV	-30	-7.11	-0.009965	±2.5	PASS
Band1 2	5MHz	QPSK	23155	25RB#0	NV	-20	-6.67	-0.009348	±2.5	PASS
Band1 2	5MHz	QPSK	23155	25RB#0	NV	0	-6.94	-0.009727	±2.5	PASS
Band1 2	5MHz	QPSK	23155	25RB#0	NV	10	-6.34	-0.008886	±2.5	PASS
Band1 2	5MHz	QPSK	23155	25RB#0	NV	20	-5.79	-0.008115	±2.5	PASS
Band1 2	5MHz	QPSK	23155	25RB#0	NV	30	-5.94	-0.008325	±2.5	PASS
Band1 2	5MHz	QPSK	23155	25RB#0	NV	40	-7.71	-0.010806	±2.5	PASS
Band1 2	5MHz	QPSK	23155	25RB#0	NV	50	-5.82	-0.008157	±2.5	PASS
Band1 2	5MHz	16QAM	23035	25RB#0	NV	-30	-3.19	-0.004547	±2.5	PASS
Band1 2	5MHz	16QAM	23035	25RB#0	NV	-20	-3.29	-0.004690	±2.5	PASS
Band1 2	5MHz	16QAM	23035	25RB#0	NV	0	-2.43	-0.003464	±2.5	PASS
Band1 2	5MHz	16QAM	23035	25RB#0	NV	10	-3.86	-0.005502	±2.5	PASS
Band1 2	5MHz	16QAM	23035	25RB#0	NV	20	-4.05	-0.005773	±2.5	PASS
Band1 2	5MHz	16QAM	23035	25RB#0	NV	30	-7.00	-0.009979	±2.5	PASS
Band1 2	5MHz	16QAM	23035	25RB#0	NV	40	-7.00	-0.009979	±2.5	PASS
Band1 2	5MHz	16QAM	23035	25RB#0	NV	50	-6.39	-0.009109	±2.5	PASS
Band1 2	5MHz	16QAM	23095	25RB#0	NV	-30	-7.15	-0.010106	±2.5	PASS
Band1 2	5MHz	16QAM	23095	25RB#0	NV	-20	-7.15	-0.010106	±2.5	PASS
Band1 2	5MHz	16QAM	23095	25RB#0	NV	0	-5.58	-0.007887	±2.5	PASS
Band1 2	5MHz	16QAM	23095	25RB#0	NV	10	-6.07	-0.008580	±2.5	PASS
Band1 2	5MHz	16QAM	23095	25RB#0	NV	20	-7.75	-0.010954	±2.5	PASS
Band1 2	5MHz	16QAM	23095	25RB#0	NV	30	-7.11	-0.010049	±2.5	PASS
Band1 2	5MHz	16QAM	23095	25RB#0	NV	40	-6.54	-0.009244	±2.5	PASS
Band1 2	5MHz	16QAM	23095	25RB#0	NV	50	-7.35	-0.010389	±2.5	PASS

Band1 2	5MHz	16QAM	23155	25RB#0	NV	-30	-5.99	-0.008395	±2.5	PASS
Band1 2	5MHz	16QAM	23155	25RB#0	NV	-20	-4.84	-0.006783	±2.5	PASS
Band1 2	5MHz	16QAM	23155	25RB#0	NV	0	-2.65	-0.003714	±2.5	PASS
Band1 2	5MHz	16QAM	23155	25RB#0	NV	10	-3.35	-0.004695	±2.5	PASS
Band1 2	5MHz	16QAM	23155	25RB#0	NV	20	-4.25	-0.005957	±2.5	PASS
Band1 2	5MHz	16QAM	23155	25RB#0	NV	30	-5.28	-0.007400	±2.5	PASS
Band1 2	5MHz	16QAM	23155	25RB#0	NV	40	-5.34	-0.007484	±2.5	PASS
Band1 2	5MHz	16QAM	23155	25RB#0	NV	50	-4.62	-0.006475	±2.5	PASS
Band1 2	10MHz	QPSK	23060	50RB#0	NV	-30	-5.11	-0.007259	±2.5	PASS
Band1 2	10MHz	QPSK	23060	50RB#0	NV	-20	-4.56	-0.006477	±2.5	PASS
Band1 2	10MHz	QPSK	23060	50RB#0	NV	0	-2.78	-0.003949	±2.5	PASS
Band1 2	10MHz	QPSK	23060	50RB#0	NV	10	-3.40	-0.004830	±2.5	PASS
Band1 2	10MHz	QPSK	23060	50RB#0	NV	20	-3.39	-0.004815	±2.5	PASS
Band1 2	10MHz	QPSK	23060	50RB#0	NV	30	-4.09	-0.005810	±2.5	PASS
Band1 2	10MHz	QPSK	23060	50RB#0	NV	40	-5.04	-0.007159	±2.5	PASS
Band1 2	10MHz	QPSK	23060	50RB#0	NV	50	-5.21	-0.007401	±2.5	PASS
Band1 2	10MHz	QPSK	23095	50RB#0	NV	-30	-7.80	-0.011025	±2.5	PASS
Band1 2	10MHz	QPSK	23095	50RB#0	NV	-20	-7.71	-0.010898	±2.5	PASS
Band1 2	10MHz	QPSK	23095	50RB#0	NV	0	-7.91	-0.011180	±2.5	PASS
Band1 2	10MHz	QPSK	23095	50RB#0	NV	10	-6.74	-0.009527	±2.5	PASS
Band1 2	10MHz	QPSK	23095	50RB#0	NV	20	-9.10	-0.012862	±2.5	PASS
Band1 2	10MHz	QPSK	23095	50RB#0	NV	30	-7.11	-0.010049	±2.5	PASS
Band1 2	10MHz	QPSK	23095	50RB#0	NV	40	-7.27	-0.010276	±2.5	PASS
Band1 2	10MHz	QPSK	23095	50RB#0	NV	50	-6.62	-0.009357	±2.5	PASS
Band1 2	10MHz	QPSK	23130	50RB#0	NV	-30	-7.40	-0.010408	±2.5	PASS
Band1 2	10MHz	QPSK	23130	50RB#0	NV	-20	-8.28	-0.011646	±2.5	PASS
Band1 2	10MHz	QPSK	23130	50RB#0	NV	0	-4.09	-0.005752	±2.5	PASS

Band1 2	10MHz	QPSK	23130	50RB#0	NV	10	-4.33	-0.006090	±2.5	PASS
Band1 2	10MHz	QPSK	23130	50RB#0	NV	20	-6.69	-0.009409	±2.5	PASS
Band1 2	10MHz	QPSK	23130	50RB#0	NV	30	-8.21	-0.011547	±2.5	PASS
Band1 2	10MHz	QPSK	23130	50RB#0	NV	40	-6.72	-0.009451	±2.5	PASS
Band1 2	10MHz	QPSK	23130	50RB#0	NV	50	-7.50	-0.010549	±2.5	PASS
Band1 2	10MHz	16QAM	23060	27RB#0	NV	-30	-7.91	-0.011236	±2.5	PASS
Band1 2	10MHz	16QAM	23060	27RB#0	NV	-20	-7.61	-0.010810	±2.5	PASS
Band1 2	10MHz	16QAM	23060	27RB#0	NV	0	-6.41	-0.009105	±2.5	PASS
Band1 2	10MHz	16QAM	23060	27RB#0	NV	10	-5.11	-0.007259	±2.5	PASS
Band1 2	10MHz	16QAM	23060	27RB#0	NV	20	-3.20	-0.004545	±2.5	PASS
Band1 2	10MHz	16QAM	23060	27RB#0	NV	30	-2.65	-0.003764	±2.5	PASS
Band1 2	10MHz	16QAM	23060	27RB#0	NV	40	-3.18	-0.004517	±2.5	PASS
Band1 2	10MHz	16QAM	23060	27RB#0	NV	50	-2.22	-0.003153	±2.5	PASS
Band1 2	10MHz	16QAM	23095	27RB#0	NV	-30	-7.51	-0.010615	±2.5	PASS
Band1 2	10MHz	16QAM	23095	27RB#0	NV	-20	-8.64	-0.012212	±2.5	PASS
Band1 2	10MHz	16QAM	23095	27RB#0	NV	0	-7.41	-0.010473	±2.5	PASS
Band1 2	10MHz	16QAM	23095	27RB#0	NV	10	-7.75	-0.010954	±2.5	PASS
Band1 2	10MHz	16QAM	23095	27RB#0	NV	20	-8.03	-0.011350	±2.5	PASS
Band1 2	10MHz	16QAM	23095	27RB#0	NV	30	-8.25	-0.011661	±2.5	PASS
Band1 2	10MHz	16QAM	23095	27RB#0	NV	40	-9.11	-0.012876	±2.5	PASS
Band1 2	10MHz	16QAM	23095	27RB#0	NV	50	-7.67	-0.010841	±2.5	PASS
Band1 2	10MHz	16QAM	23130	27RB#0	NV	-30	-3.93	-0.005527	±2.5	PASS
Band1 2	10MHz	16QAM	23130	27RB#0	NV	-20	-1.93	-0.002714	±2.5	PASS
Band1 2	10MHz	16QAM	23130	27RB#0	NV	0	-2.59	-0.003643	±2.5	PASS
Band1 2	10MHz	16QAM	23130	27RB#0	NV	10	-3.26	-0.004585	±2.5	PASS
Band1 2	10MHz	16QAM	23130	27RB#0	NV	20	-2.62	-0.003685	±2.5	PASS
Band1 2	10MHz	16QAM	23130	27RB#0	NV	30	-2.06	-0.002897	±2.5	PASS



BUREAU
VERITAS

Test Report No.: PSU-NQN2204290110RF03

Band1 2	10MHz	16QAM	23130	27RB#0	NV	40	-4.29	-0.006034	±2.5	PASS
Band1 2	10MHz	16QAM	23130	27RB#0	NV	50	-3.50	-0.004923	±2.5	PASS



Test Report No.: PSU-NQN2204290110RF03

LTE BAND41

PEAK-TO-AVERAGE RATIO(CCDF)

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band41	5MHz	QPSK	39675	1RB#0	4.37	13	PASS
Band41	5MHz	QPSK	39675	25RB#0	4.63	13	PASS
Band41	5MHz	QPSK	40620	1RB#0	4.85	13	PASS
Band41	5MHz	QPSK	40620	25RB#0	4.72	13	PASS
Band41	5MHz	QPSK	41565	1RB#0	4.15	13	PASS
Band41	5MHz	QPSK	41565	25RB#0	4.28	13	PASS
Band41	5MHz	16QAM	39675	1RB#0	4.82	13	PASS
Band41	5MHz	16QAM	39675	25RB#0	4.94	13	PASS
Band41	5MHz	16QAM	40620	1RB#0	4.64	13	PASS
Band41	5MHz	16QAM	40620	25RB#0	5.00	13	PASS
Band41	5MHz	16QAM	41565	1RB#0	4.67	13	PASS
Band41	5MHz	16QAM	41565	25RB#0	4.57	13	PASS
Band41	10MHz	QPSK	39700	1RB#0	4.58	13	PASS
Band41	10MHz	QPSK	39700	50RB#0	4.55	13	PASS
Band41	10MHz	QPSK	40620	1RB#0	4.63	13	PASS
Band41	10MHz	QPSK	40620	50RB#0	4.68	13	PASS
Band41	10MHz	QPSK	41540	1RB#0	3.94	13	PASS
Band41	10MHz	QPSK	41540	50RB#0	4.26	13	PASS
Band41	10MHz	16QAM	39700	1RB#0	5.07	13	PASS
Band41	10MHz	16QAM	39700	27RB#0	5.43	13	PASS
Band41	10MHz	16QAM	40620	1RB#0	4.89	13	PASS
Band41	10MHz	16QAM	40620	27RB#0	5.22	13	PASS
Band41	10MHz	16QAM	41540	1RB#0	3.99	13	PASS
Band41	10MHz	16QAM	41540	27RB#0	4.41	13	PASS
Band41	15MHz	QPSK	39725	1RB#0	4.02	13	PASS
Band41	15MHz	QPSK	39725	75RB#0	4.87	13	PASS
Band41	15MHz	QPSK	40620	1RB#0	4.06	13	PASS
Band41	15MHz	QPSK	40620	75RB#0	5.03	13	PASS
Band41	15MHz	QPSK	41515	1RB#0	4.18	13	PASS
Band41	15MHz	QPSK	41515	75RB#0	4.67	13	PASS
Band41	15MHz	16QAM	39725	1RB#0	5.27	13	PASS
Band41	15MHz	16QAM	39725	27RB#0	5.54	13	PASS
Band41	15MHz	16QAM	40620	1RB#0	4.52	13	PASS
Band41	15MHz	16QAM	40620	27RB#0	6.04	13	PASS
Band41	15MHz	16QAM	41515	1RB#0	4.40	13	PASS
Band41	15MHz	16QAM	41515	27RB#0	4.42	13	PASS
Band41	20MHz	QPSK	39750	1RB#0	3.99	13	PASS
Band41	20MHz	QPSK	39750	100RB#0	4.90	13	PASS
Band41	20MHz	QPSK	40620	1RB#0	4.44	13	PASS
Band41	20MHz	QPSK	40620	100RB#0	5.10	13	PASS



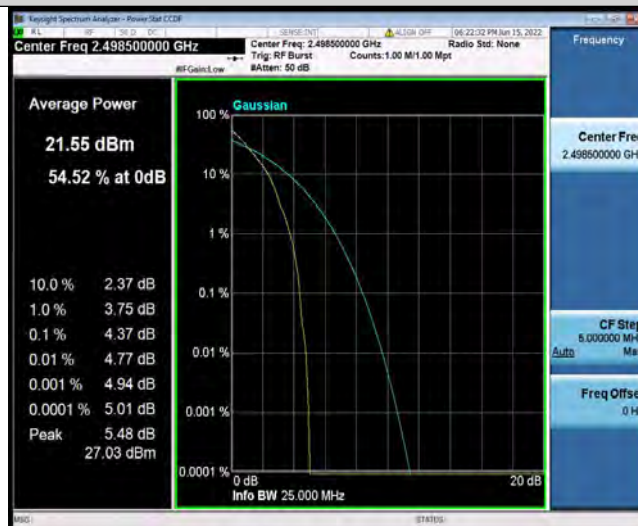
BUREAU
VERITAS

Test Report No.: PSU-NQN2204290110RF03

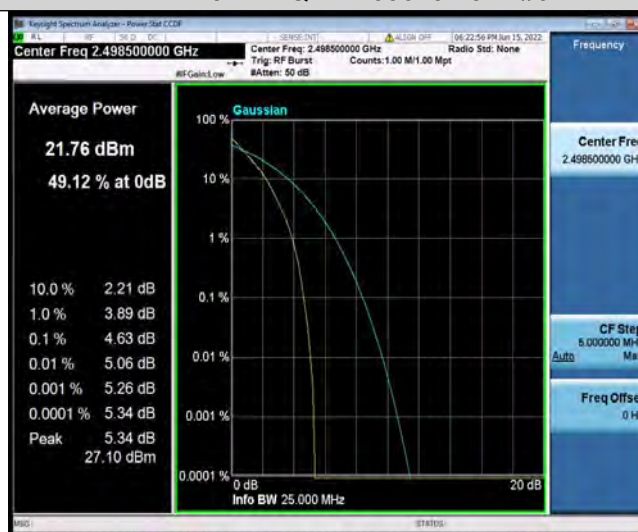
Band41	20MHz	QPSK	41490	1RB#0	4.19	13	PASS
Band41	20MHz	QPSK	41490	100RB#0	4.75	13	PASS
Band41	20MHz	16QAM	39750	1RB#0	4.31	13	PASS
Band41	20MHz	16QAM	39750	27RB#0	5.03	13	PASS
Band41	20MHz	16QAM	40620	1RB#0	4.35	13	PASS
Band41	20MHz	16QAM	40620	27RB#0	5.01	13	PASS
Band41	20MHz	16QAM	41490	1RB#0	4.03	13	PASS
Band41	20MHz	16QAM	41490	27RB#0	4.88	13	PASS

Test Graphs

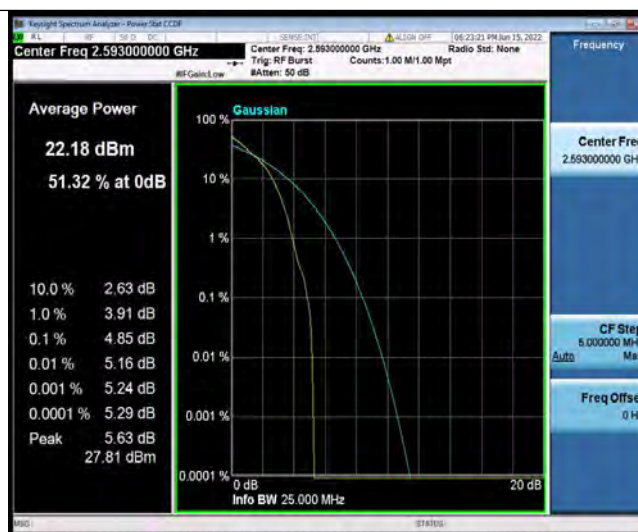
Band41-5MHz-QPSK-39675-1RB#0



Band41-5MHz-QPSK-39675-25RB#0



Band41-5MHz-QPSK-40620-1RB#0



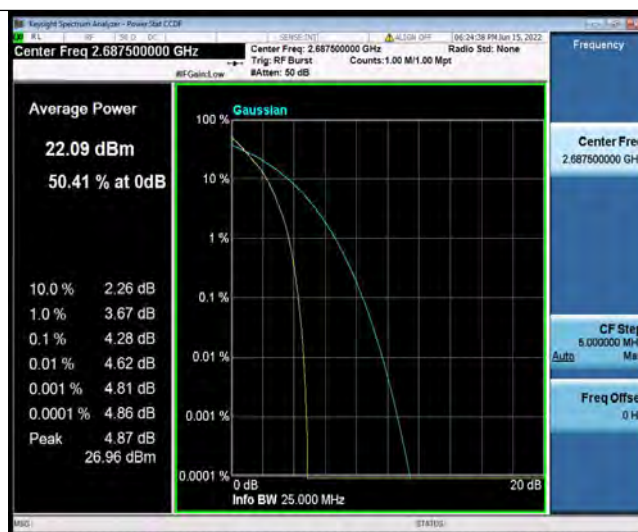
Band41-5MHz-QPSK-40620-25RB#0



Band41-5MHz-QPSK-41565-1RB#0



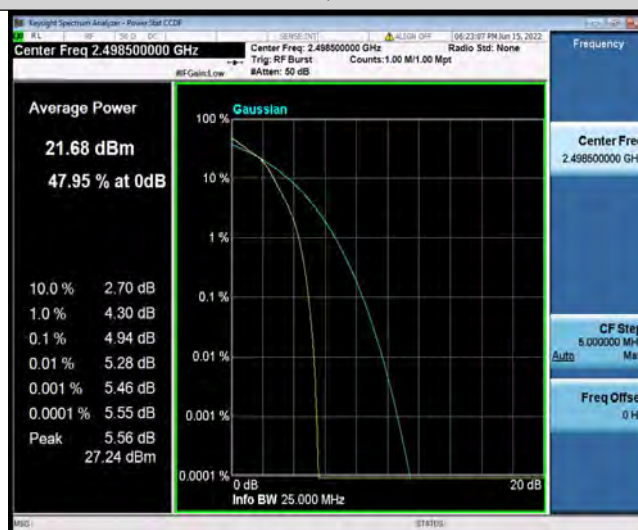
Band41-5MHz-QPSK-41565-25RB#0



Band41-5MHz-16QAM-39675-1RB#0



Band41-5MHz-16QAM-39675-25RB#0



Band41-5MHz-16QAM-40620-1RB#0



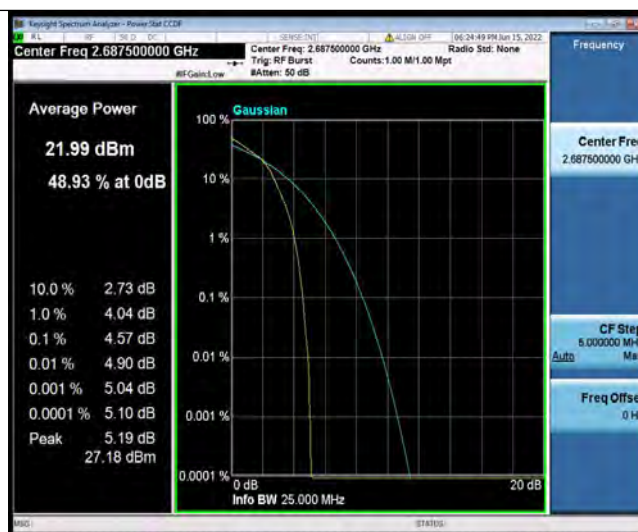
Band41-5MHz-16QAM-40620-25RB#0



Band41-5MHz-16QAM-41565-1RB#0



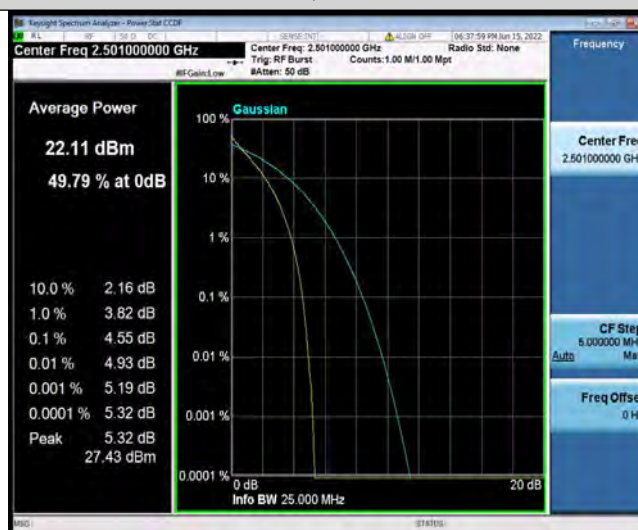
Band41-5MHz-16QAM-41565-25RB#0



Band41-10MHz-QPSK-39700-1RB#0



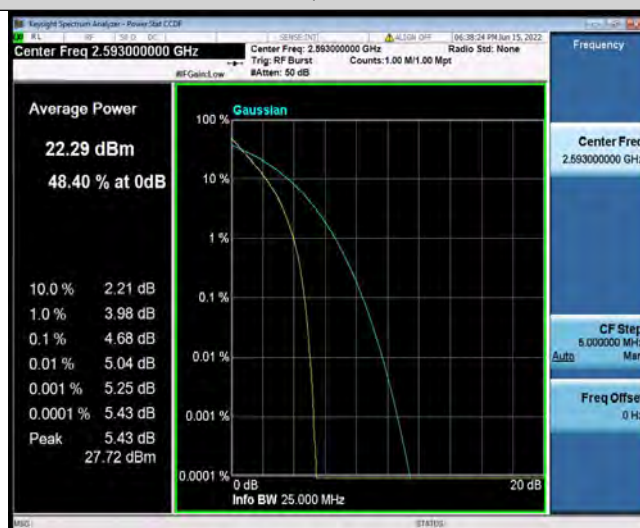
Band41-10MHz-QPSK-39700-50RB#0



Band41-10MHz-QPSK-40620-1RB#0



Band41-10MHz-QPSK-40620-50RB#0



Band41-10MHz-QPSK-41540-1RB#0



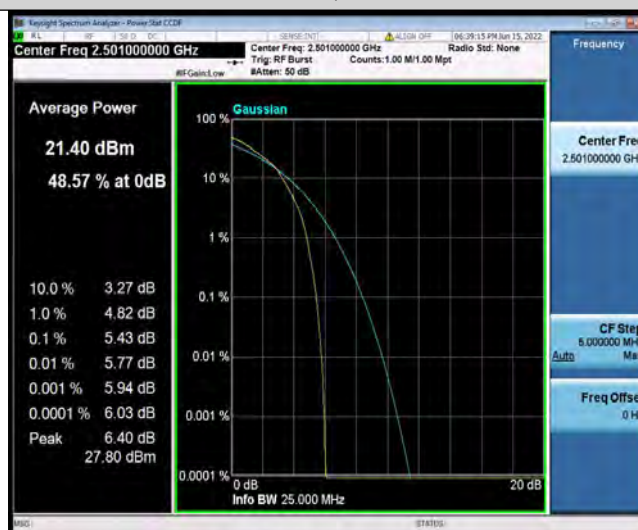
Band41-10MHz-QPSK-41540-50RB#0



Band41-10MHz-16QAM-39700-1RB#0



Band41-10MHz-16QAM-39700-27RB#0



Band41-10MHz-16QAM-40620-1RB#0



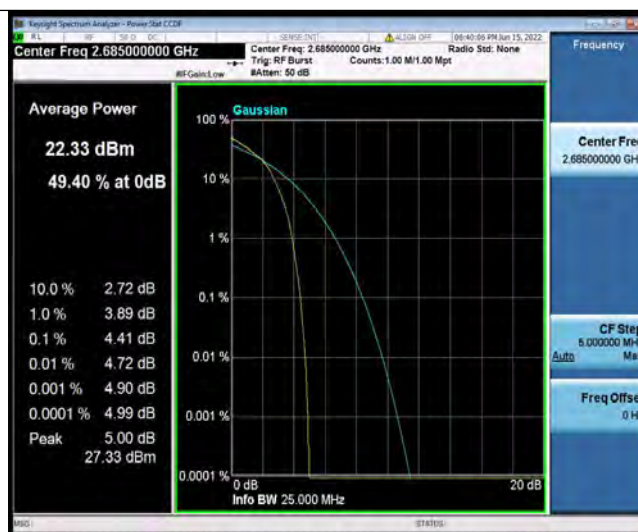
Band41-10MHz-16QAM-40620-27RB#0



Band41-10MHz-16QAM-41540-1RB#0



Band41-10MHz-16QAM-41540-27RB#0



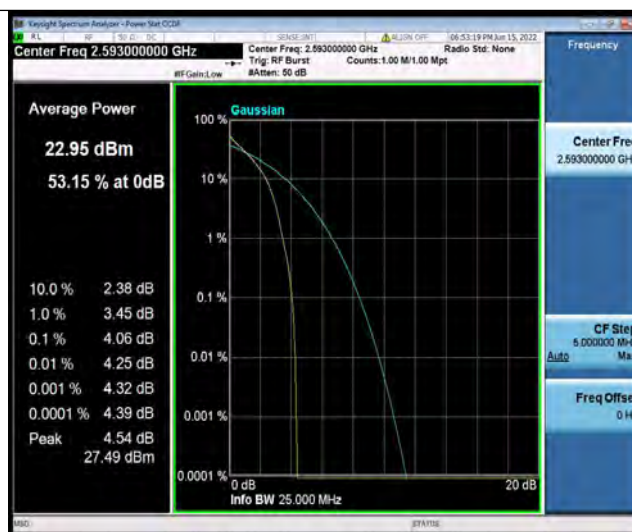
Band41-15MHz-QPSK-39725-1RB#0



Band41-15MHz-QPSK-39725-75RB#0



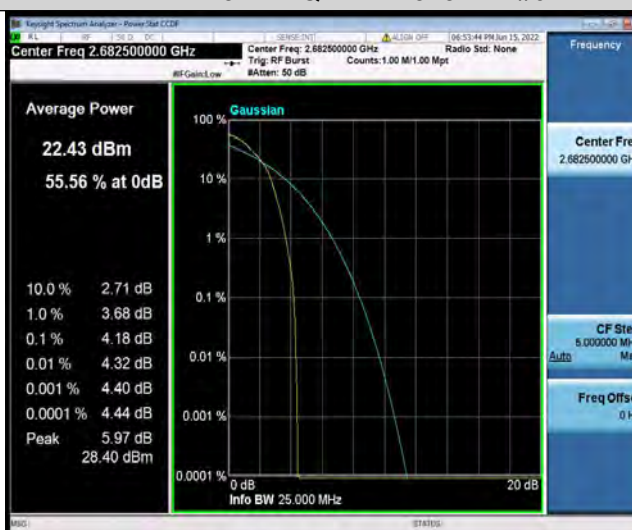
Band41-15MHz-QPSK-40620-1RB#0



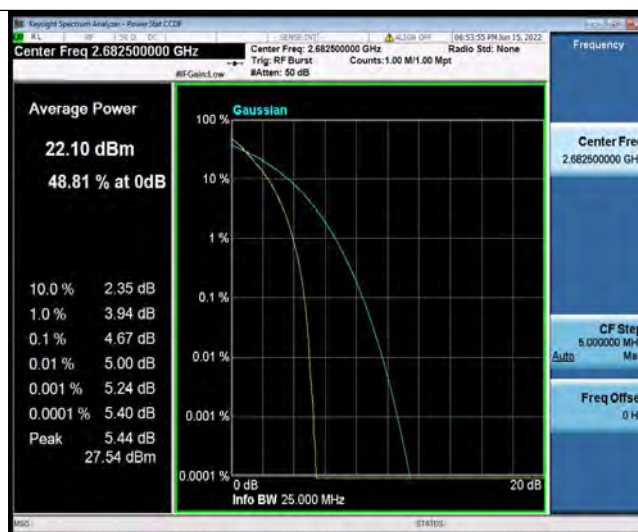
Band41-15MHz-QPSK-40620-75RB#0



Band41-15MHz-QPSK-41515-1RB#0



Band41-15MHz-QPSK-41515-75RB#0



Band41-15MHz-16QAM-39725-1RB#0



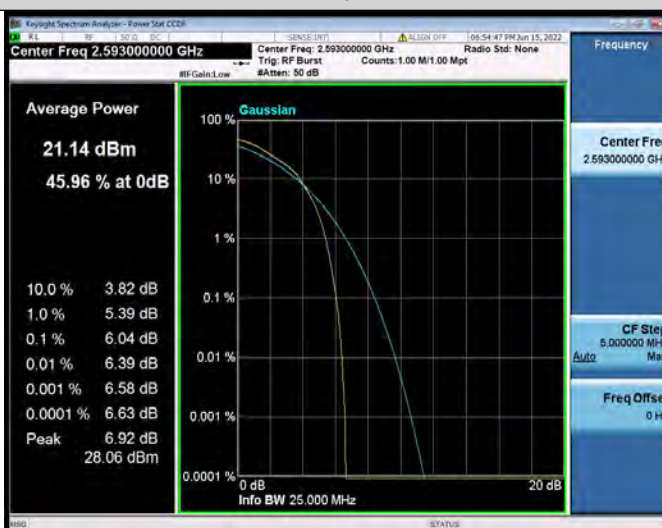
Band41-15MHz-16QAM-39725-27RB#0



Band41-15MHz-16QAM-40620-1RB#0



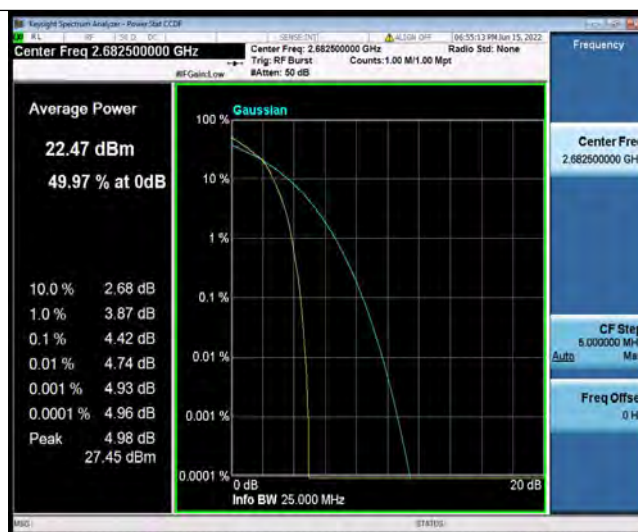
Band41-15MHz-16QAM-40620-27RB#0



Band41-15MHz-16QAM-41515-1RB#0



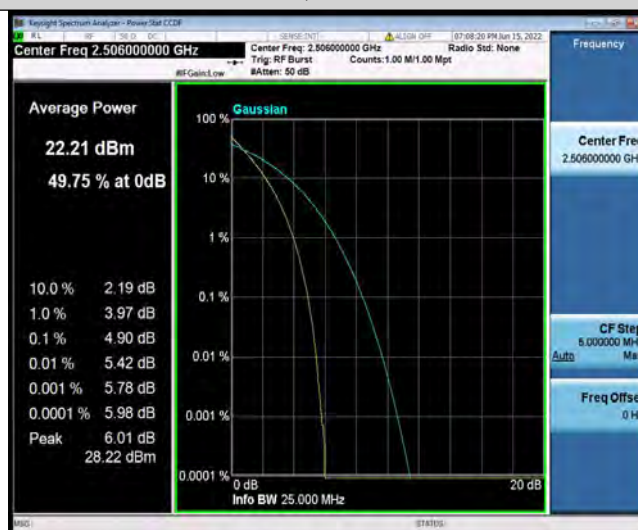
Band41-15MHz-16QAM-41515-27RB#0



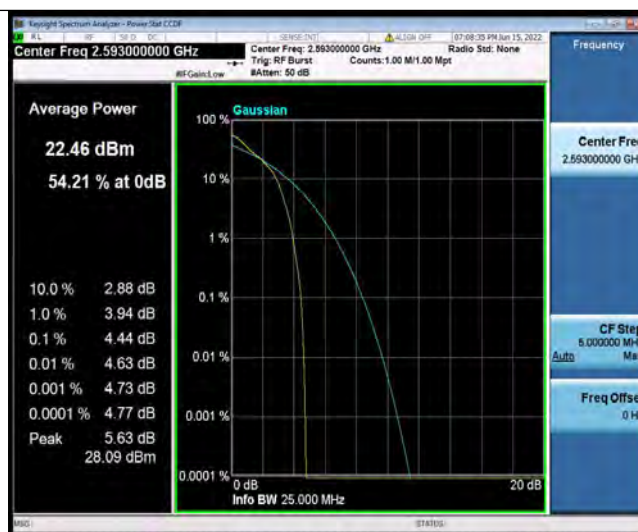
Band41-20MHz-QPSK-39750-1RB#0



Band41-20MHz-QPSK-39750-100RB#0



Band41-20MHz-QPSK-40620-1RB#0



Band41-20MHz-QPSK-40620-100RB#0



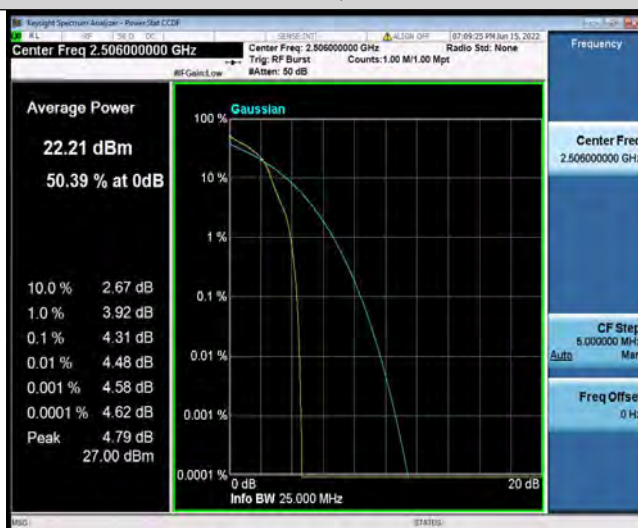
Band41-20MHz-QPSK-41490-1RB#0



Band41-20MHz-QPSK-41490-100RB#0



Band41-20MHz-16QAM-39750-1RB#0



Band41-20MHz-16QAM-39750-27RB#0



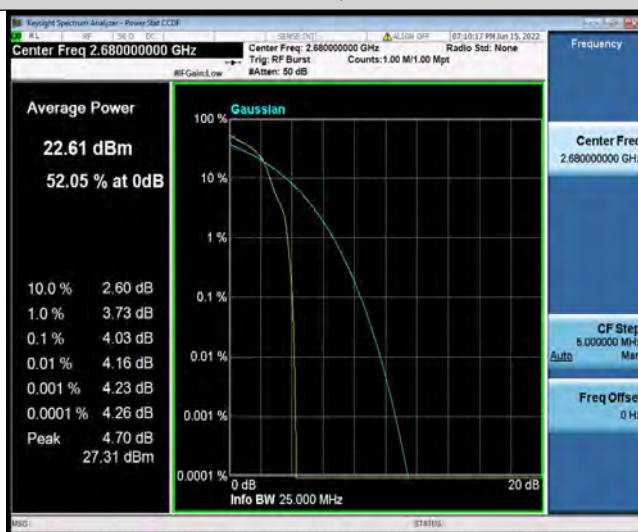
Band41-20MHz-16QAM-40620-1RB#0



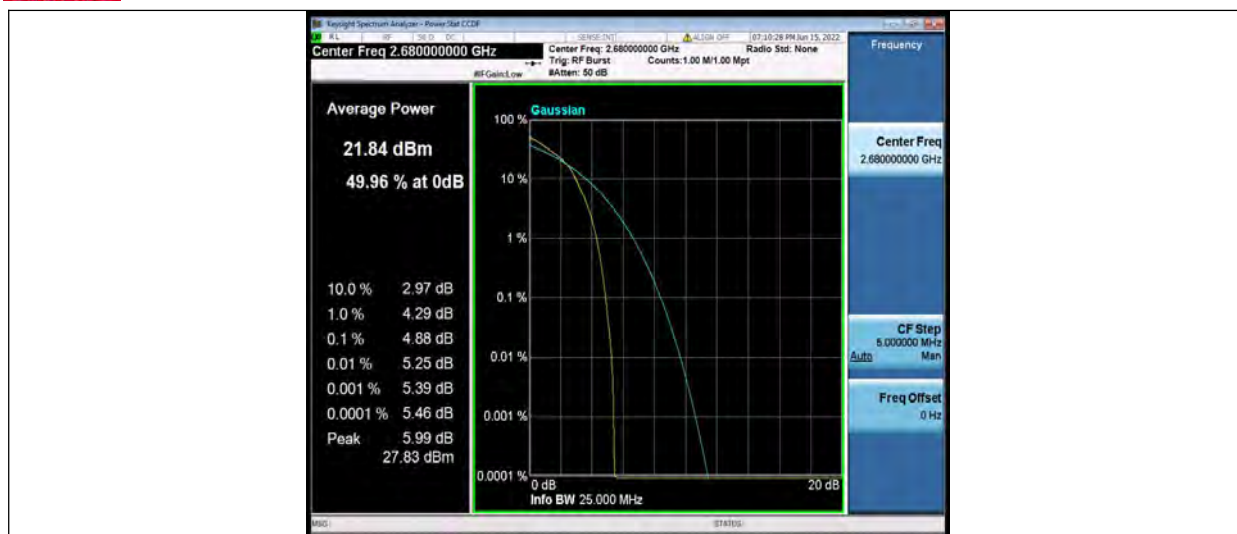
Band41-20MHz-16QAM-40620-27RB#0



Band41-20MHz-16QAM-41490-1RB#0



Band41-20MHz-16QAM-41490-27RB#0



26DB BANDWIDTH AND OCCUPIED BANDWIDTH

Test Result

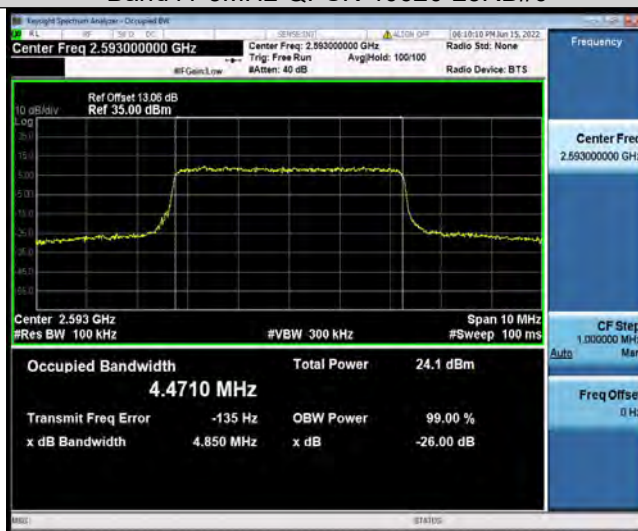
Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band41	5MHz	QPSK	39675	25RB#0	4.4714	4.927	PASS
Band41	5MHz	QPSK	40620	25RB#0	4.4710	4.850	PASS
Band41	5MHz	QPSK	41565	25RB#0	4.4734	4.925	PASS
Band41	5MHz	16QAM	39675	25RB#0	4.4749	4.918	PASS
Band41	5MHz	16QAM	40620	25RB#0	4.4850	4.898	PASS
Band41	5MHz	16QAM	41565	25RB#0	4.4736	5.005	PASS
Band41	10MHz	QPSK	39700	50RB#0	8.9318	9.486	PASS
Band41	10MHz	QPSK	40620	50RB#0	8.9303	9.490	PASS
Band41	10MHz	QPSK	41540	50RB#0	8.9280	9.489	PASS
Band41	10MHz	16QAM	39700	27RB#0	4.9099	5.834	PASS
Band41	10MHz	16QAM	40620	27RB#0	4.9279	9.490	PASS
Band41	10MHz	16QAM	41540	27RB#0	4.9279	5.830	PASS
Band41	15MHz	QPSK	39725	75RB#0	13.507	17.91	PASS
Band41	15MHz	QPSK	40620	75RB#0	13.456	14.53	PASS
Band41	15MHz	QPSK	41515	75RB#0	13.469	14.69	PASS
Band41	15MHz	16QAM	39725	27RB#0	5.0569	6.148	PASS
Band41	15MHz	16QAM	40620	27RB#0	5.0436	14.53	PASS
Band41	15MHz	16QAM	41515	27RB#0	5.0568	6.341	PASS
Band41	20MHz	QPSK	39750	100RB#0	17.956	19.63	PASS
Band41	20MHz	QPSK	40620	100RB#0	17.919	19.18	PASS
Band41	20MHz	QPSK	41490	100RB#0	17.890	19.10	PASS
Band41	20MHz	16QAM	39750	27RB#0	5.1660	6.023	PASS
Band41	20MHz	16QAM	40620	27RB#0	5.1649	6.137	PASS
Band41	20MHz	16QAM	41490	27RB#0	5.1486	6.014	PASS

Test Graphs

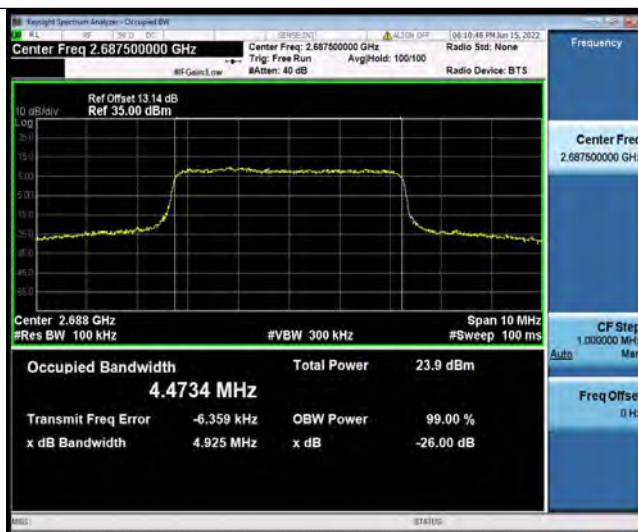
Band41-5MHz-QPSK-39675-25RB#0



Band41-5MHz-QPSK-40620-25RB#0



Band41-5MHz-QPSK-41565-25RB#0



Band41-5MHz-16QAM-39675-25RB#0



Band41-5MHz-16QAM-40620-25RB#0



Band41-5MHz-16QAM-41565-25RB#0



Band41-10MHz-QPSK-39700-50RB#0



Band41-10MHz-QPSK-40620-50RB#0



Band41-10MHz-QPSK-41540-50RB#0



Band41-10MHz-16QAM-39700-27RB#0



Band41-10MHz-16QAM-40620-27RB#0



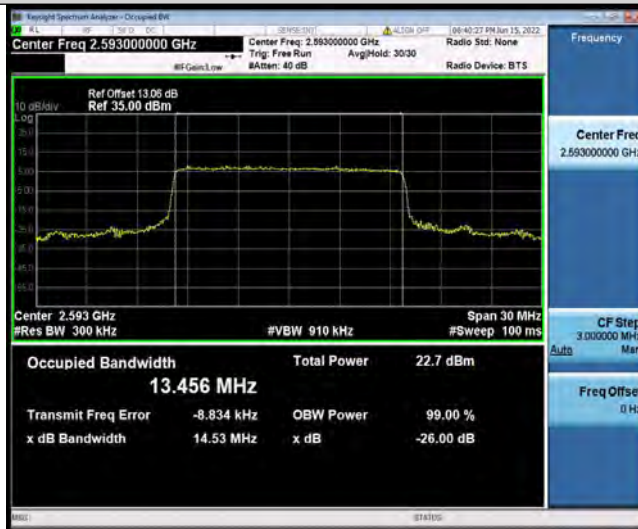
Band41-10MHz-16QAM-41540-27RB#0



Band41-15MHz-QPSK-39725-75RB#0



Band41-15MHz-QPSK-40620-75RB#0



Band41-15MHz-QPSK-41515-75RB#0



Band41-15MHz-16QAM-39725-27RB#0



Band41-15MHz-16QAM-40620-27RB#0



Band41-15MHz-16QAM-41515-27RB#0



Band41-20MHz-QPSK-39750-100RB#0



Band41-20MHz-QPSK-40620-100RB#0



Band41-20MHz-QPSK-41490-100RB#0



Band41-20MHz-16QAM-39750-27RB#0



Band41-20MHz-16QAM-40620-27RB#0



Band41-20MHz-16QAM-41490-27RB#0



BAND EDGE

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band41	5MHz	QPSK	39675	1RB#0	-47.18,-38.94,-20.58	PASS
Band41	5MHz	QPSK	39675	25RB#0	-46.77,-32.87,-26.80	PASS
Band41	5MHz	QPSK	41565	1RB#24	-17.73,-39.20,-47.06,-46.83	PASS
Band41	5MHz	QPSK	41565	25RB#0	-26.58,-31.35,-45.04,-45.78	PASS
Band41	5MHz	16QAM	39675	1RB#0	-46.65,-37.56,-17.67	PASS
Band41	5MHz	16QAM	39675	25RB#0	-46.77,-30.99,-25.93	PASS
Band41	5MHz	16QAM	41565	1RB#24	-17.65,-39.62,-47.01,-46.78	PASS
Band41	5MHz	16QAM	41565	25RB#0	-25.20,-29.21,-44.70,-45.65	PASS
Band41	10MHz	QPSK	39700	1RB#0	-44.09,-39.56,-27.57	PASS
Band41	10MHz	QPSK	39700	50RB#0	-44.09,-30.85,-29.59	PASS
Band41	10MHz	QPSK	41540	1RB#49	-29.34,-40.37,-40.95,-44.21	PASS
Band41	10MHz	QPSK	41540	50RB#0	-28.53,-30.15,-35.82,-43.26	PASS
Band41	10MHz	16QAM	39700	1RB#0	-44.03,-39.53,-24.49	PASS
Band41	10MHz	16QAM	39700	27RB#0	-44.68,-44.53,-24.57	PASS
Band41	10MHz	16QAM	41540	1RB#49	-27.08,-38.97,-41.27,-44.10	PASS
Band41	10MHz	16QAM	41540	27RB#23	-27.94,-37.40,-43.93,-44.23	PASS
Band41	15MHz	QPSK	39725	1RB#0	-42.72,-26.50,-16.10	PASS
Band41	15MHz	QPSK	39725	75RB#0	-42.72,-28.49,-26.15	PASS
Band41	15MHz	QPSK	41515	1RB#74	-17.92,-29.69,-37.97,-42.35	PASS
Band41	15MHz	QPSK	41515	75RB#0	-25.45,-29.05,-32.54,-41.84	PASS
Band41	15MHz	16QAM	39725	1RB#0	-42.88,-26.36,-16.20	PASS
Band41	15MHz	16QAM	39725	75RB#0	-42.93,-24.51,-20.85	PASS
Band41	15MHz	16QAM	41515	1RB#74	-17.47,-29.10,-37.65,-42.53	PASS
Band41	15MHz	16QAM	41515	75RB#0	-23.33,-27.27,-40.34,-42.52	PASS
Band41	20MHz	QPSK	39750	1RB#0	-41.60,-30.49,-18.32	PASS
Band41	20MHz	QPSK	39750	27RB#0	-41.52,-29.12,-26.51	PASS
Band41	20MHz	QPSK	41490	1RB#99	-21.64,-31.82,-36.83,-41.33	PASS
Band41	20MHz	QPSK	41490	27RB#48	-28.84,-30.80,-33.41,-40.93	PASS
Band41	20MHz	16QAM	39750	1RB#0	-41.58,-29.31,-18.15	PASS
Band41	20MHz	16QAM	39750	27RB#0	-41.76,-25.62,-22.85	PASS
Band41	20MHz	16QAM	41490	1RB#99	-21.25,-32.67,-35.82,-41.34	PASS
Band41	20MHz	16QAM	41490	27RB#73	-25.97,-30.15,40.24,-41.46	PASS

Test Graphs

Band41-5MHz-QPSK-39675-1RB#0



Band41-5MHz-QPSK-39675-25RB#0



Band41-5MHz-QPSK-41565-1RB#24



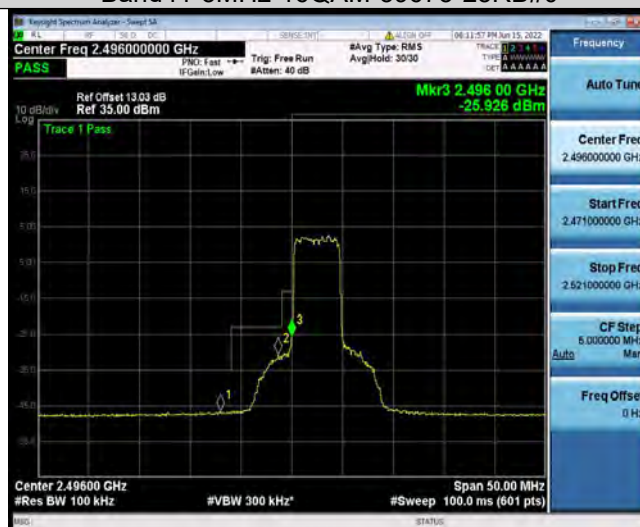
Band41-5MHz-QPSK-41565-25RB#0



Band41-5MHz-16QAM-39675-1RB#0



Band41-5MHz-16QAM-39675-25RB#0



Band41-5MHz-16QAM-41565-1RB#24



Band41-5MHz-16QAM-41565-25RB#0



Band41-10MHz-QPSK-39700-1RB#0



Band41-10MHz-QPSK-39700-50RB#0



Band41-10MHz-QPSK-41540-1RB#49



Band41-10MHz-QPSK-41540-50RB#0



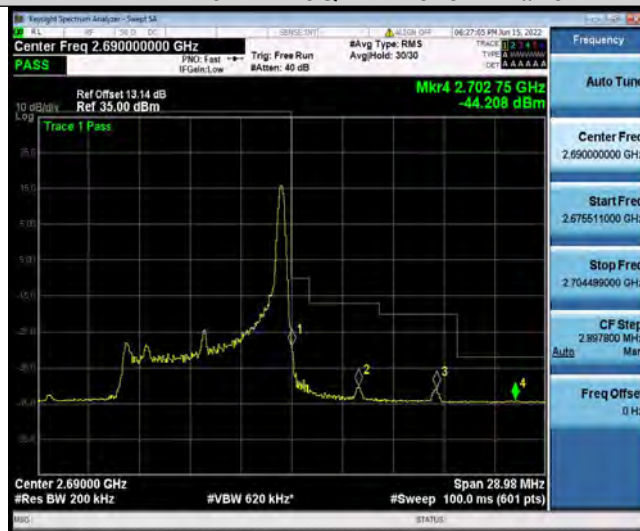
Band41-10MHz-16QAM-39700-1RB#0



Band41-10MHz-16QAM-39700-27RB#0



Band41-10MHz-16QAM-41540-1RB#49



Band41-10MHz-16QAM-41540-27RB#23



Band41-15MHz-QPSK-39725-1RB#0



Band41-15MHz-QPSK-39725-75RB#0



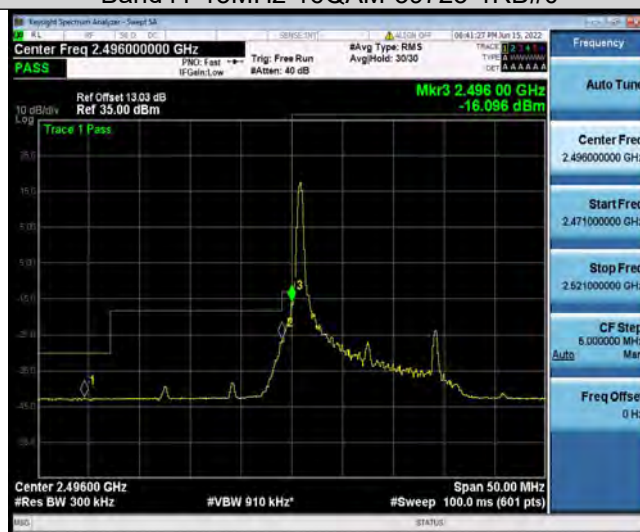
Band41-15MHz-QPSK-41515-1RB#74



Band41-15MHz-QPSK-41515-75RB#0



Band41-15MHz-16QAM-39725-1RB#0



Band41-15MHz-16QAM-39725-27RB#0



Band41-15MHz-16QAM-41515-1RB#74



Band41-15MHz-16QAM-41515-27RB#48



Band41-20MHz-QPSK-39750-1RB#0



Band41-20MHz-QPSK-39750-100RB#0



Band41-20MHz-QPSK-41490-1RB#99



Band41-20MHz-QPSK-41490-100RB#0



Band41-20MHz-16QAM-39750-1RB#0



Band41-20MHz-16QAM-39750-27RB#0



Band41-20MHz-16QAM-41490-1RB#99



Band41-20MHz-16QAM-41490-27RB#73



CONDUCTED SPURIOUS EMISSION

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Frequency Range	Result (dBm)	Verdict
Band41	5MHz	QPSK	39675	1RB#0	Range1:30~1000MHz	-41.39	PASS
Band41	5MHz	QPSK	39675	1RB#0	Range2:1000~27000MHz	-31.59	PASS
Band41	5MHz	QPSK	40620	1RB#0	Range1:30~1000MHz	-41.55	PASS
Band41	5MHz	QPSK	40620	1RB#0	Range2:1000~27000MHz	-31.98	PASS
Band41	5MHz	QPSK	41565	1RB#0	Range1:30~1000MHz	-41.04	PASS
Band41	5MHz	QPSK	41565	1RB#0	Range2:1000~27000MHz	-31.45	PASS
Band41	5MHz	16QAM	39675	1RB#0	Range1:30~1000MHz	-41.46	PASS
Band41	5MHz	16QAM	39675	1RB#0	Range2:1000~27000MHz	-31.59	PASS
Band41	5MHz	16QAM	40620	1RB#0	Range1:30~1000MHz	-41.83	PASS
Band41	5MHz	16QAM	40620	1RB#0	Range2:1000~27000MHz	-31.29	PASS
Band41	5MHz	16QAM	41565	1RB#0	Range1:30~1000MHz	-42.13	PASS
Band41	5MHz	16QAM	41565	1RB#0	Range2:1000~27000MHz	-31.92	PASS
Band41	10MHz	QPSK	39700	1RB#0	Range1:30~1000MHz	-40.94	PASS
Band41	10MHz	QPSK	39700	1RB#0	Range2:1000~27000MHz	-31.67	PASS
Band41	10MHz	QPSK	40620	1RB#0	Range1:30~1000MHz	-41.65	PASS
Band41	10MHz	QPSK	40620	1RB#0	Range2:1000~27000MHz	-32.03	PASS
Band41	10MHz	QPSK	41540	1RB#0	Range1:30~1000MHz	-40.54	PASS
Band41	10MHz	QPSK	41540	1RB#0	Range2:1000~27000MHz	-30.83	PASS
Band41	10MHz	16QAM	39700	1RB#0	Range1:30~1000MHz	-41.18	PASS
Band41	10MHz	16QAM	39700	1RB#0	Range2:1000~27000MHz	-31.03	PASS
Band41	10MHz	16QAM	40620	1RB#0	Range1:30~1000MHz	-41.83	PASS
Band41	10MHz	16QAM	40620	1RB#0	Range2:1000~27000MHz	-31.21	PASS
Band41	10MHz	16QAM	41540	1RB#0	Range1:30~1000MHz	-40.73	PASS
Band41	10MHz	16QAM	41540	1RB#0	Range2:1000~27000MHz	-31.31	PASS
Band41	15MHz	QPSK	39725	1RB#0	Range1:30~1000MHz	-40.63	PASS
Band41	15MHz	QPSK	39725	1RB#0	Range2:1000~27000MHz	-31.4	PASS
Band41	15MHz	QPSK	40620	1RB#0	Range1:30~1000MHz	-41.47	PASS
Band41	15MHz	QPSK	40620	1RB#0	Range2:1000~27000MHz	-31.75	PASS
Band41	15MHz	QPSK	41515	1RB#0	Range1:30~1000MHz	-41.58	PASS
Band41	15MHz	QPSK	41515	1RB#0	Range2:1000~27000MHz	-30.97	PASS
Band41	15MHz	16QAM	39725	1RB#0	Range1:30~1000MHz	-40.98	PASS
Band41	15MHz	16QAM	39725	1RB#0	Range2:1000~27000MHz	-31.61	PASS
Band41	15MHz	16QAM	40620	1RB#0	Range1:30~1000MHz	-41.94	PASS
Band41	15MHz	16QAM	40620	1RB#0	Range2:1000~27000MHz	-31.63	PASS
Band41	15MHz	16QAM	41515	1RB#0	Range1:30~1000MHz	-41.48	PASS
Band41	15MHz	16QAM	41515	1RB#0	Range2:1000~27000MHz	-31.73	PASS
Band41	20MHz	QPSK	39750	1RB#0	Range1:30~1000MHz	-41.68	PASS
Band41	20MHz	QPSK	39750	1RB#0	Range2:1000~27000MHz	-30.19	PASS
Band41	20MHz	QPSK	40620	1RB#0	Range1:30~1000MHz	-41.3	PASS
Band41	20MHz	QPSK	40620	1RB#0	Range2:1000~27000MHz	-31.6	PASS
Band41	20MHz	QPSK	41490	1RB#0	Range1:30~1000MHz	-40.73	PASS
Band41	20MHz	QPSK	41490	1RB#0	Range2:1000~27000MHz	-30.36	PASS
Band41	20MHz	16QAM	39750	1RB#0	Range1:30~1000MHz	-42.44	PASS
Band41	20MHz	16QAM	39750	1RB#0	Range2:1000~27000MHz	-31.5	PASS
Band41	20MHz	16QAM	40620	1RB#0	Range1:30~1000MHz	-41.94	PASS



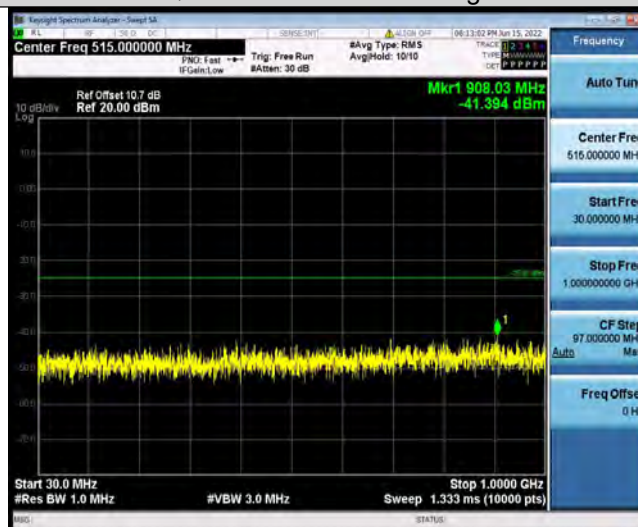
BUREAU
VERITAS

Test Report No.: PSU-NQN2204290110RF03

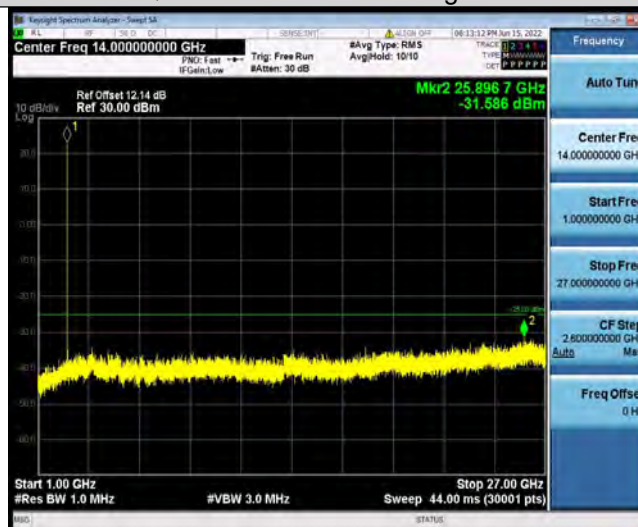
Band41	20MHz	16QAM	40620	1RB#0	Range2:1000~27000MHz	-31.63	PASS
Band41	20MHz	16QAM	41490	1RB#0	Range1:30~1000MHz	-42.29	PASS
Band41	20MHz	16QAM	41490	1RB#0	Range2:1000~27000MHz	-31.74	PASS

Test Graphs

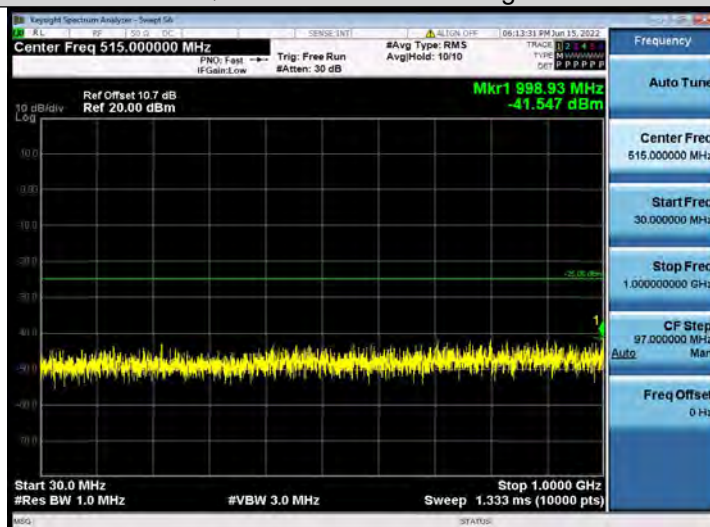
Band41-5MHz-QPSK-39675-1RB#0-Range1:30~1000MHz



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



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



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



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



Band41-5MHz-QPSK-41565-1RB#0-Range2:1000~27000MHz



Band41-5MHz-16QAM-39675-1RB#0-Range1:30~1000MHz