

Effective (Isotropic) Radiated Power Output Data

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	EIRP(dBm)	Limit(dBm)	Verdict
Band4	1.4MHz	QPSK	19957	1RB#0	23.05	24.25	30	PASS
Band4	1.4MHz	QPSK	19957	1RB#2	23.23	24.43	30	PASS
Band4	1.4MHz	QPSK	19957	1RB#5	22.94	24.14	30	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	21.96	23.16	30	PASS
Band4	1.4MHz	QPSK	20175	1RB#0	23.09	24.29	30	PASS
Band4	1.4MHz	QPSK	20175	1RB#2	23.25	24.45	30	PASS
Band4	1.4MHz	QPSK	20175	1RB#5	23.01	24.21	30	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	22.10	23.3	30	PASS
Band4	1.4MHz	QPSK	20393	1RB#0	23.22	24.42	30	PASS
Band4	1.4MHz	QPSK	20393	1RB#2	23.34	24.54	30	PASS
Band4	1.4MHz	QPSK	20393	1RB#5	23.13	24.33	30	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	22.25	23.45	30	PASS
Band4	1.4MHz	16QAM	19957	1RB#0	22.56	23.76	30	PASS
Band4	1.4MHz	16QAM	19957	1RB#2	22.57	23.77	30	PASS
Band4	1.4MHz	16QAM	19957	1RB#5	22.32	23.52	30	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	21.01	22.21	30	PASS
Band4	1.4MHz	16QAM	20175	1RB#0	22.48	23.68	30	PASS
Band4	1.4MHz	16QAM	20175	1RB#2	22.48	23.68	30	PASS
Band4	1.4MHz	16QAM	20175	1RB#5	22.60	23.8	30	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	21.15	22.35	30	PASS
Band4	1.4MHz	16QAM	20393	1RB#0	22.56	23.76	30	PASS
Band4	1.4MHz	16QAM	20393	1RB#2	22.76	23.96	30	PASS
Band4	1.4MHz	16QAM	20393	1RB#5	22.58	23.78	30	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	21.21	22.41	30	PASS
Band4	3MHz	QPSK	19965	1RB#0	23.13	24.33	30	PASS
Band4	3MHz	QPSK	19965	1RB#8	23.07	24.27	30	PASS
Band4	3MHz	QPSK	19965	1RB#14	23.15	24.35	30	PASS
Band4	3MHz	QPSK	19965	15RB#0	22.08	23.28	30	PASS
Band4	3MHz	QPSK	20175	1RB#0	23.18	24.38	30	PASS
Band4	3MHz	QPSK	20175	1RB#8	23.03	24.23	30	PASS
Band4	3MHz	QPSK	20175	1RB#14	23.23	24.43	30	PASS
Band4	3MHz	QPSK	20175	15RB#0	22.03	23.23	30	PASS
Band4	3MHz	QPSK	20385	1RB#0	23.35	24.55	30	PASS
Band4	3MHz	QPSK	20385	1RB#8	23.17	24.37	30	PASS
Band4	3MHz	QPSK	20385	1RB#14	23.40	24.6	30	PASS
Band4	3MHz	QPSK	20385	15RB#0	22.18	23.38	30	PASS
Band4	3MHz	16QAM	19965	1RB#0	22.45	23.65	30	PASS



Band4	3MHz	16QAM	19965	1RB#8	22.46	23.66	30	PASS
Band4	3MHz	16QAM	19965	1RB#14	22.43	23.63	30	PASS
Band4	3MHz	16QAM	19965	15RB#0	21.13	22.33	30	PASS
Band4	3MHz	16QAM	20175	1RB#0	22.64	23.84	30	PASS
Band4	3MHz	16QAM	20175	1RB#8	22.46	23.66	30	PASS
Band4	3MHz	16QAM	20175	1RB#14	22.68	23.88	30	PASS
Band4	3MHz	16QAM	20175	15RB#0	21.13	22.33	30	PASS
Band4	3MHz	16QAM	20385	1RB#0	22.91	24.11	30	PASS
Band4	3MHz	16QAM	20385	1RB#8	22.40	23.6	30	PASS
Band4	3MHz	16QAM	20385	1RB#14	22.56	23.76	30	PASS
Band4	3MHz	16QAM	20385	15RB#0	21.30	22.5	30	PASS
Band4	5MHz	QPSK	19975	1RB#0	23.17	24.37	30	PASS
Band4	5MHz	QPSK	19975	1RB#12	23.15	24.35	30	PASS
Band4	5MHz	QPSK	19975	1RB#24	23.34	24.54	30	PASS
Band4	5MHz	QPSK	19975	25RB#0	22.16	23.36	30	PASS
Band4	5MHz	QPSK	20175	1RB#0	23.27	24.47	30	PASS
Band4	5MHz	QPSK	20175	1RB#12	23.14	24.34	30	PASS
Band4	5MHz	QPSK	20175	1RB#24	23.27	24.47	30	PASS
Band4	5MHz	QPSK	20175	25RB#0	22.18	23.38	30	PASS
Band4	5MHz	QPSK	20375	1RB#0	23.33	24.53	30	PASS
Band4	5MHz	QPSK	20375	1RB#12	23.30	24.5	30	PASS
Band4	5MHz	QPSK	20375	1RB#24	23.26	24.46	30	PASS
Band4	5MHz	QPSK	20375	25RB#0	22.26	23.46	30	PASS
Band4	5MHz	16QAM	19975	1RB#0	22.56	23.76	30	PASS
Band4	5MHz	16QAM	19975	1RB#12	22.65	23.85	30	PASS
Band4	5MHz	16QAM	19975	1RB#24	22.66	23.86	30	PASS
Band4	5MHz	16QAM	19975	25RB#0	21.29	22.49	30	PASS
Band4	5MHz	16QAM	20175	1RB#0	22.55	23.75	30	PASS
Band4	5MHz	16QAM	20175	1RB#12	22.73	23.93	30	PASS
Band4	5MHz	16QAM	20175	1RB#24	22.59	23.79	30	PASS
Band4	5MHz	16QAM	20175	25RB#0	21.20	22.4	30	PASS
Band4	5MHz	16QAM	20375	1RB#0	22.58	23.78	30	PASS
Band4	5MHz	16QAM	20375	1RB#12	22.64	23.84	30	PASS
Band4	5MHz	16QAM	20375	1RB#24	22.65	23.85	30	PASS
Band4	5MHz	16QAM	20375	25RB#0	21.21	22.41	30	PASS
Band4	10MHz	QPSK	20000	1RB#0	23.41	24.61	30	PASS
Band4	10MHz	QPSK	20000	1RB#24	23.15	24.35	30	PASS
Band4	10MHz	QPSK	20000	1RB#49	23.35	24.55	30	PASS
Band4	10MHz	QPSK	20000	50RB#0	21.97	23.17	30	PASS
Band4	10MHz	QPSK	20175	1RB#0	23.24	24.44	30	PASS
Band4	10MHz	QPSK	20175	1RB#24	23.09	24.29	30	PASS
Band4	10MHz	QPSK	20175	1RB#49	23.25	24.45	30	PASS
Band4	10MHz	QPSK	20175	50RB#0	22.18	23.38	30	PASS
Band4	10MHz	QPSK	20350	1RB#0	23.44	24.64	30	PASS



Band4	10MHz	QPSK	20350	1RB#24	23.43	24.63	30	PASS
Band4	10MHz	QPSK	20350	1RB#49	23.33	24.53	30	PASS
Band4	10MHz	QPSK	20350	50RB#0	22.20	23.4	30	PASS
Band4	10MHz	16QAM	20000	1RB#0	22.64	23.84	30	PASS
Band4	10MHz	16QAM	20000	1RB#24	23.27	24.47	30	PASS
Band4	10MHz	16QAM	20000	1RB#49	22.74	23.94	30	PASS
Band4	10MHz	16QAM	20000	50RB#0	21.10	22.3	30	PASS
Band4	10MHz	16QAM	20175	1RB#0	22.89	24.09	30	PASS
Band4	10MHz	16QAM	20175	1RB#24	22.58	23.78	30	PASS
Band4	10MHz	16QAM	20175	1RB#49	22.79	23.99	30	PASS
Band4	10MHz	16QAM	20175	50RB#0	21.21	22.41	30	PASS
Band4	10MHz	16QAM	20350	1RB#0	22.70	23.9	30	PASS
Band4	10MHz	16QAM	20350	1RB#24	22.54	23.74	30	PASS
Band4	10MHz	16QAM	20350	1RB#49	22.66	23.86	30	PASS
Band4	10MHz	16QAM	20350	50RB#0	21.28	22.48	30	PASS
Band4	15MHz	QPSK	20025	1RB#0	23.23	24.43	30	PASS
Band4	15MHz	QPSK	20025	1RB#38	23.13	24.33	30	PASS
Band4	15MHz	QPSK	20025	1RB#74	23.37	24.57	30	PASS
Band4	15MHz	QPSK	20025	75RB#0	22.08	23.28	30	PASS
Band4	15MHz	QPSK	20175	1RB#0	23.35	24.55	30	PASS
Band4	15MHz	QPSK	20175	1RB#38	23.09	24.29	30	PASS
Band4	15MHz	QPSK	20175	1RB#74	23.23	24.43	30	PASS
Band4	15MHz	QPSK	20175	75RB#0	22.23	23.43	30	PASS
Band4	15MHz	QPSK	20325	1RB#0	23.45	24.65	30	PASS
Band4	15MHz	QPSK	20325	1RB#38	23.31	24.51	30	PASS
Band4	15MHz	QPSK	20325	1RB#74	23.45	24.65	30	PASS
Band4	15MHz	QPSK	20325	75RB#0	22.24	23.44	30	PASS
Band4	15MHz	16QAM	20025	1RB#0	22.54	23.74	30	PASS
Band4	15MHz	16QAM	20025	1RB#38	22.25	23.45	30	PASS
Band4	15MHz	16QAM	20025	1RB#74	22.57	23.77	30	PASS
Band4	15MHz	16QAM	20025	75RB#0	21.15	22.35	30	PASS
Band4	15MHz	16QAM	20175	1RB#0	22.74	23.94	30	PASS
Band4	15MHz	16QAM	20175	1RB#38	22.62	23.82	30	PASS
Band4	15MHz	16QAM	20175	1RB#74	22.69	23.89	30	PASS
Band4	15MHz	16QAM	20175	75RB#0	21.22	22.42	30	PASS
Band4	15MHz	16QAM	20325	1RB#0	22.76	23.96	30	PASS
Band4	15MHz	16QAM	20325	1RB#38	22.61	23.81	30	PASS
Band4	15MHz	16QAM	20325	1RB#74	22.83	24.03	30	PASS
Band4	15MHz	16QAM	20325	75RB#0	21.24	22.44	30	PASS
Band4	20MHz	QPSK	20050	1RB#0	23.29	24.49	30	PASS
Band4	20MHz	QPSK	20050	1RB#49	23.24	24.44	30	PASS
Band4	20MHz	QPSK	20050	1RB#99	23.41	24.61	30	PASS
Band4	20MHz	QPSK	20050	100RB#0	22.03	23.23	30	PASS
Band4	20MHz	QPSK	20175	1RB#0	23.28	24.48	30	PASS

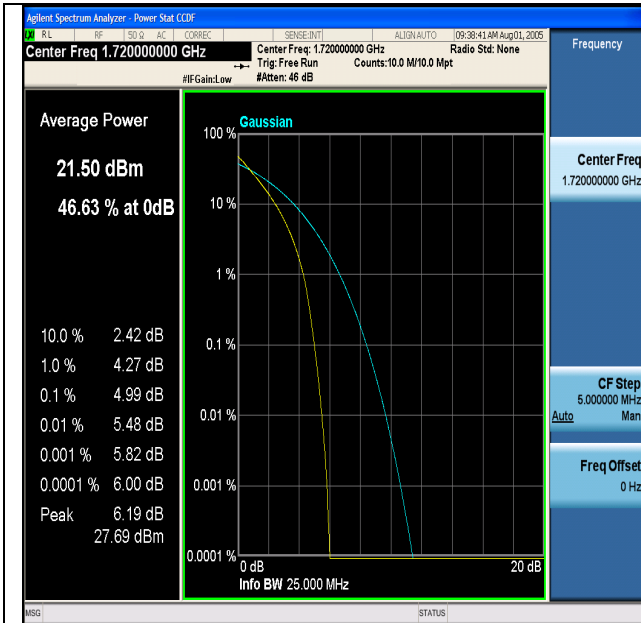


Band4	20MHz	QPSK	20175	1RB#49	23.11	24.31	30	PASS
Band4	20MHz	QPSK	20175	1RB#99	23.19	24.39	30	PASS
Band4	20MHz	QPSK	20175	100RB#0	22.05	23.25	30	PASS
Band4	20MHz	QPSK	20300	1RB#0	23.26	24.46	30	PASS
Band4	20MHz	QPSK	20300	1RB#49	23.39	24.59	30	PASS
Band4	20MHz	QPSK	20300	1RB#99	23.39	24.59	30	PASS
Band4	20MHz	QPSK	20300	100RB#0	22.22	23.42	30	PASS
Band4	20MHz	16QAM	20050	1RB#0	22.72	23.92	30	PASS
Band4	20MHz	16QAM	20050	1RB#49	22.60	23.8	30	PASS
Band4	20MHz	16QAM	20050	1RB#99	22.62	23.82	30	PASS
Band4	20MHz	16QAM	20050	100RB#0	21.10	22.3	30	PASS
Band4	20MHz	16QAM	20175	1RB#0	22.57	23.77	30	PASS
Band4	20MHz	16QAM	20175	1RB#49	22.55	23.75	30	PASS
Band4	20MHz	16QAM	20175	1RB#99	22.49	23.69	30	PASS
Band4	20MHz	16QAM	20175	100RB#0	21.15	22.35	30	PASS
Band4	20MHz	16QAM	20300	1RB#0	22.65	23.85	30	PASS
Band4	20MHz	16QAM	20300	1RB#49	22.60	23.8	30	PASS
Band4	20MHz	16QAM	20300	1RB#99	22.86	24.06	30	PASS
Band4	20MHz	16QAM	20300	100RB#0	21.32	22.52	30	PASS

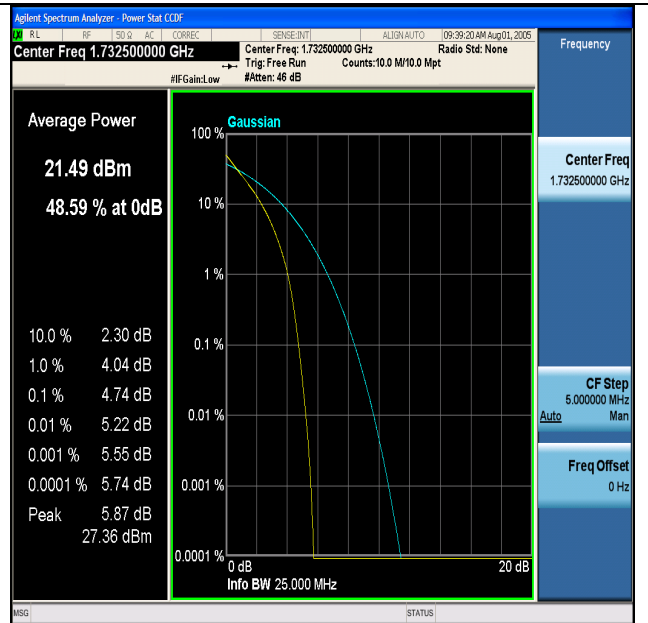
Peak-to-Average Ratio(CCDF)**Test Result**

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band4	20MHz	QPSK	20050	100RB#0	4.99	13	PASS
Band4	20MHz	QPSK	20175	100RB#0	4.74	13	PASS
Band4	20MHz	QPSK	20300	100RB#0	4.87	13	PASS
Band4	20MHz	16QAM	20050	100RB#0	5.78	13	PASS
Band4	20MHz	16QAM	20175	100RB#0	5.49	13	PASS
Band4	20MHz	16QAM	20300	100RB#0	5.58	13	PASS

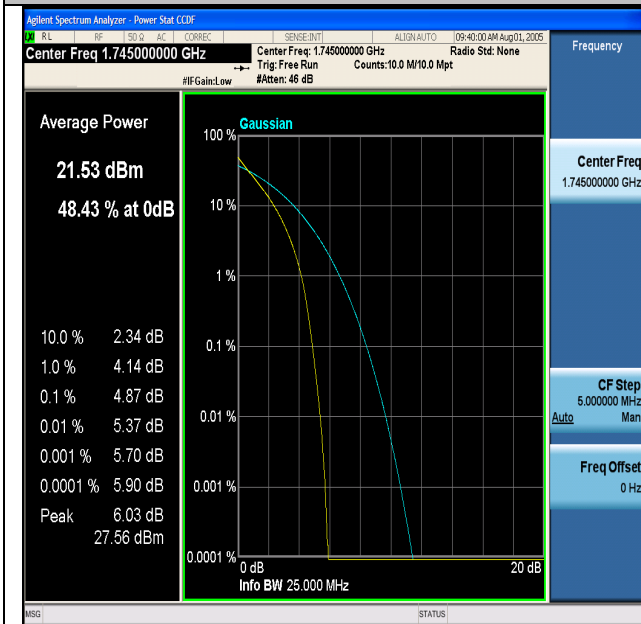
Test Graphs



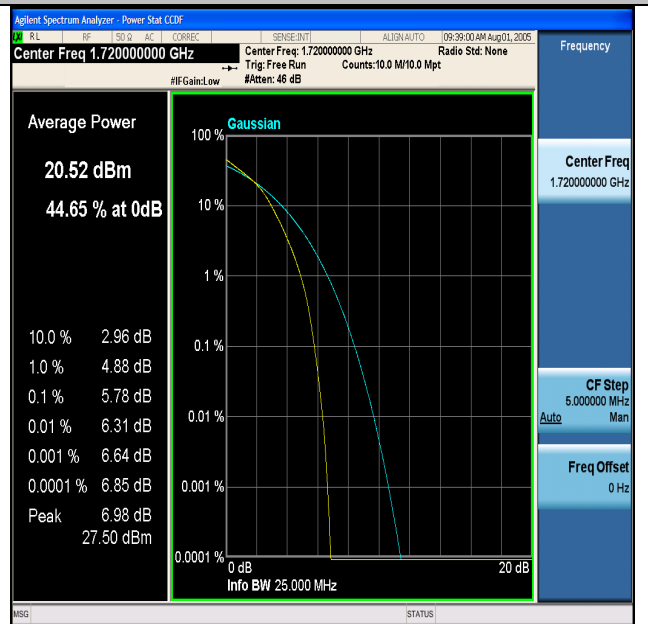
Band4-20MHz-QPSK-20050-100RB#0-PASS



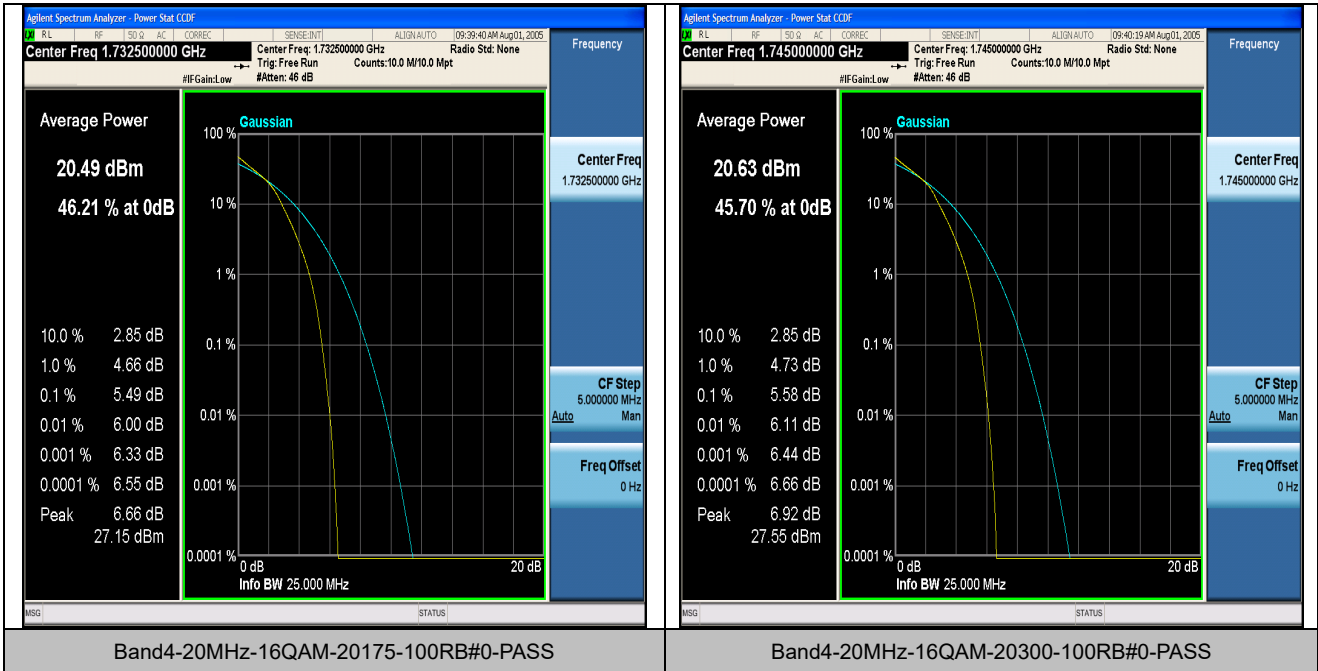
Band4-20MHz-QPSK-20175-100RB#0-PASS



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



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

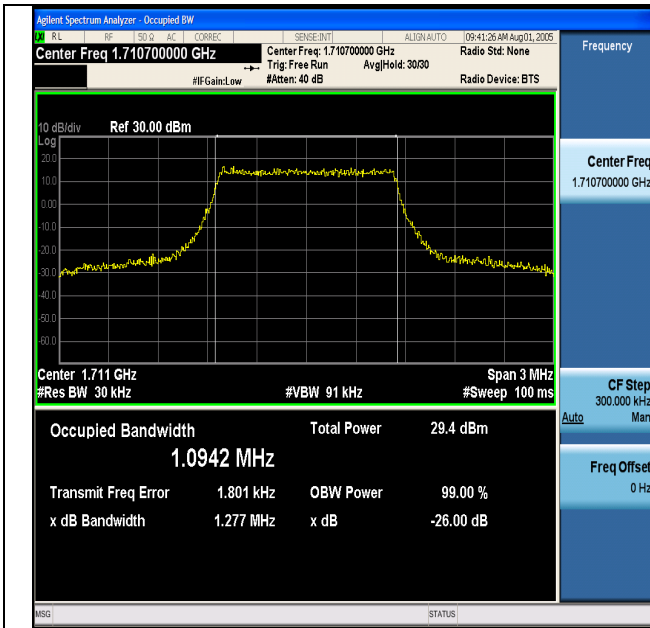


26dB Bandwidth and Occupied Bandwidth

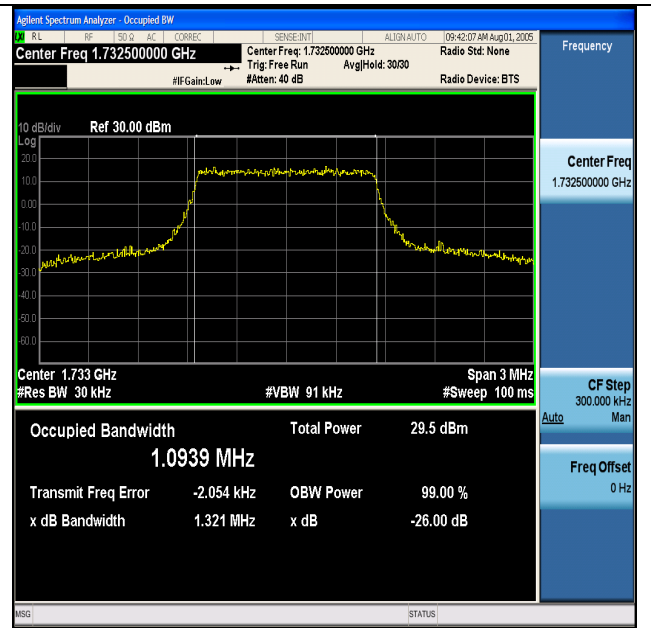
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band4	1.4MHz	QPSK	19957	6RB#0	1.0942	1.277	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	1.0939	1.321	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	1.0952	1.291	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	1.1010	1.309	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	1.1029	1.298	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	1.1009	1.326	PASS
Band4	3MHz	QPSK	19965	15RB#0	2.7014	2.989	PASS
Band4	3MHz	QPSK	20175	15RB#0	2.6990	2.988	PASS
Band4	3MHz	QPSK	20385	15RB#0	2.7019	2.983	PASS
Band4	3MHz	16QAM	19965	15RB#0	2.6976	2.996	PASS
Band4	3MHz	16QAM	20175	15RB#0	2.6959	2.972	PASS
Band4	3MHz	16QAM	20385	15RB#0	2.7011	2.971	PASS
Band4	5MHz	QPSK	19975	25RB#0	4.5116	5.016	PASS
Band4	5MHz	QPSK	20175	25RB#0	4.5143	5.034	PASS
Band4	5MHz	QPSK	20375	25RB#0	4.5136	5.000	PASS
Band4	5MHz	16QAM	19975	25RB#0	4.5137	5.006	PASS
Band4	5MHz	16QAM	20175	25RB#0	4.5100	5.016	PASS
Band4	5MHz	16QAM	20375	25RB#0	4.5037	5.007	PASS
Band4	10MHz	QPSK	20000	50RB#0	9.0015	10.000	PASS
Band4	10MHz	QPSK	20175	50RB#0	8.9866	10.12	PASS
Band4	10MHz	QPSK	20350	50RB#0	8.9960	9.957	PASS
Band4	10MHz	16QAM	20000	50RB#0	8.9943	9.963	PASS
Band4	10MHz	16QAM	20175	50RB#0	8.9729	9.937	PASS
Band4	10MHz	16QAM	20350	50RB#0	8.9799	9.996	PASS
Band4	15MHz	QPSK	20025	75RB#0	13.493	14.81	PASS
Band4	15MHz	QPSK	20175	75RB#0	13.498	14.73	PASS
Band4	15MHz	QPSK	20325	75RB#0	13.490	14.82	PASS
Band4	15MHz	16QAM	20025	75RB#0	13.501	14.77	PASS
Band4	15MHz	16QAM	20175	75RB#0	13.470	14.87	PASS
Band4	15MHz	16QAM	20325	75RB#0	13.501	14.72	PASS
Band4	20MHz	QPSK	20050	100RB#0	17.940	19.62	PASS
Band4	20MHz	QPSK	20175	100RB#0	17.915	19.53	PASS
Band4	20MHz	QPSK	20300	100RB#0	17.988	19.66	PASS
Band4	20MHz	16QAM	20050	100RB#0	17.945	19.61	PASS
Band4	20MHz	16QAM	20175	100RB#0	17.947	19.52	PASS
Band4	20MHz	16QAM	20300	100RB#0	17.995	19.62	PASS

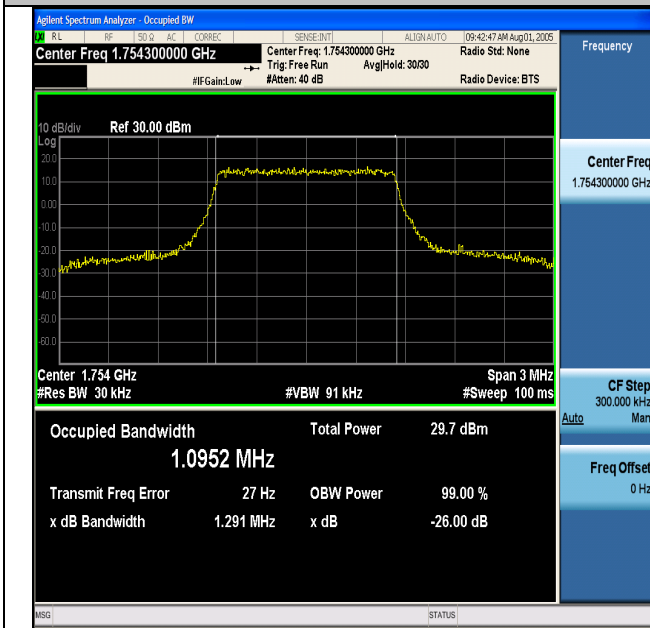
Test Graphs



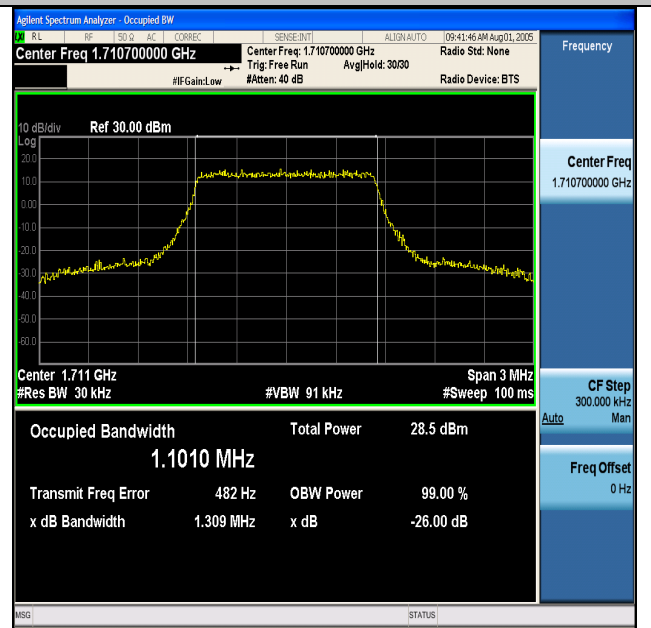
Band4-1.4MHz-QPSK-19957-6RB#0-PASS



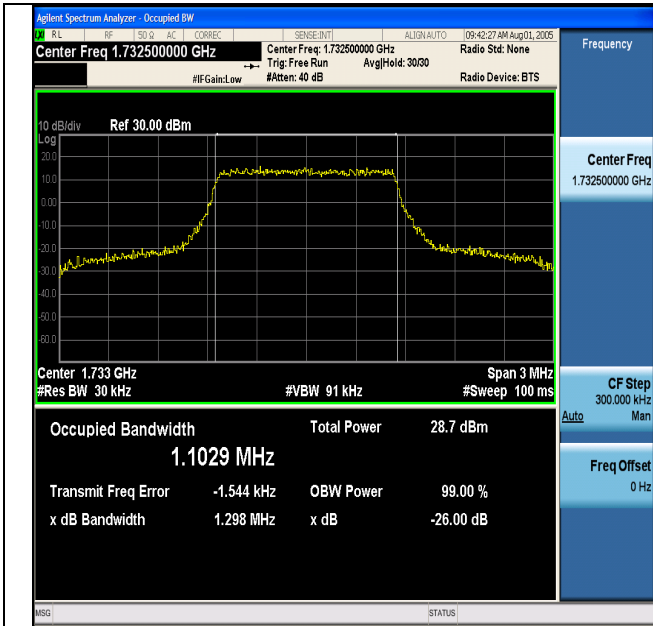
Band4-1.4MHz-QPSK-20175-6RB#0-PASS



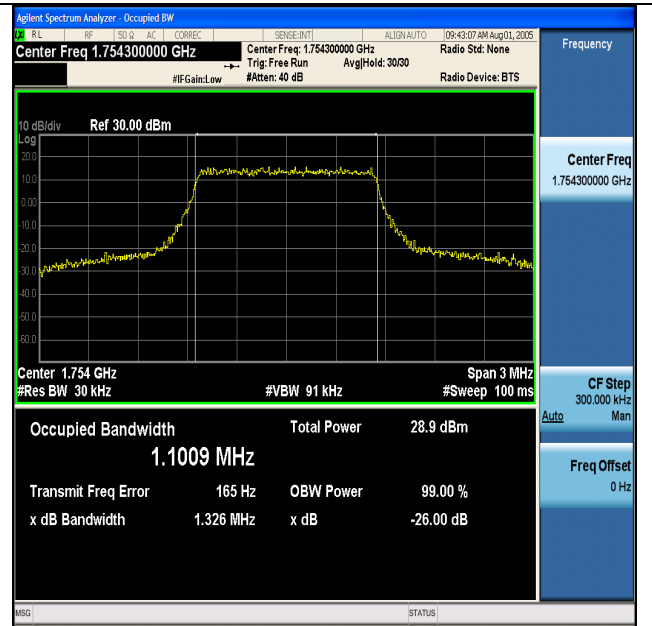
Band4-1.4MHz-QPSK-20393-6RB#0-PASS



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



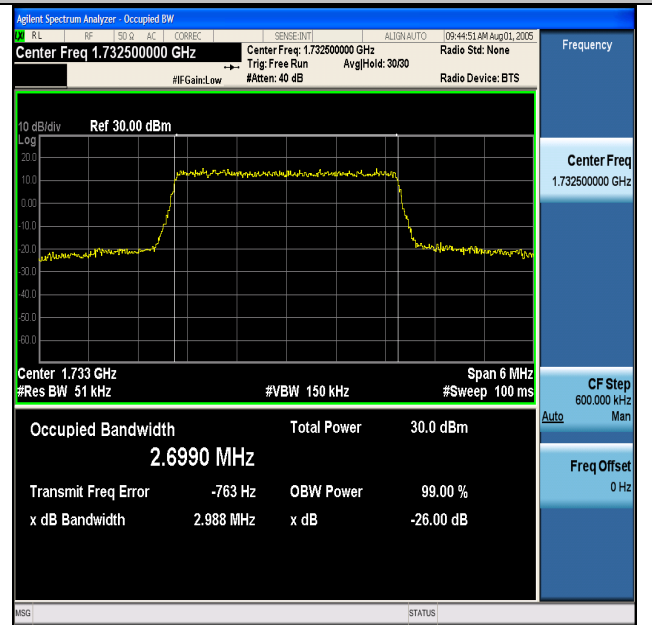
Band4-1.4MHz-16QAM-20175-6RB#0-PASS



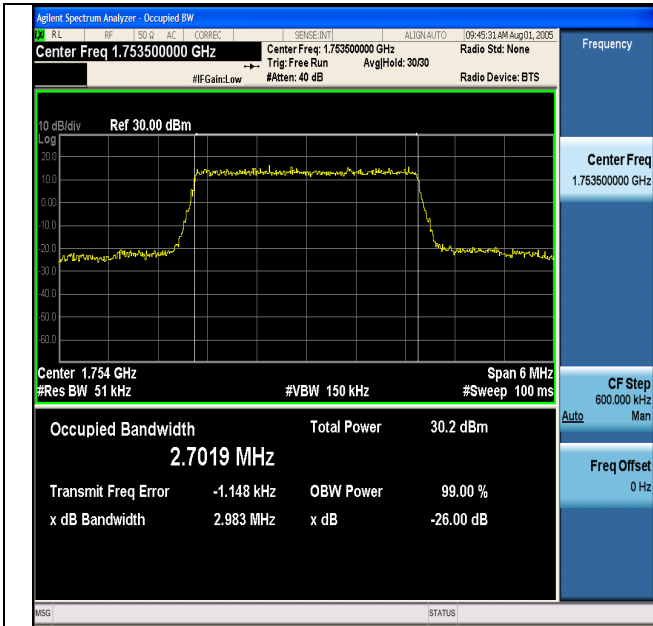
Band4-1.4MHz-16QAM-20393-6RB#0-PASS



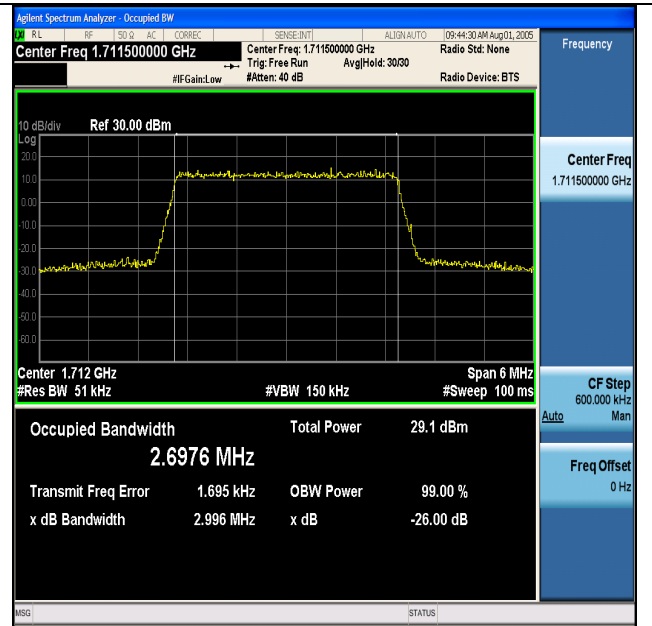
Band4-3MHz-QPSK-19965-15RB#0-PASS



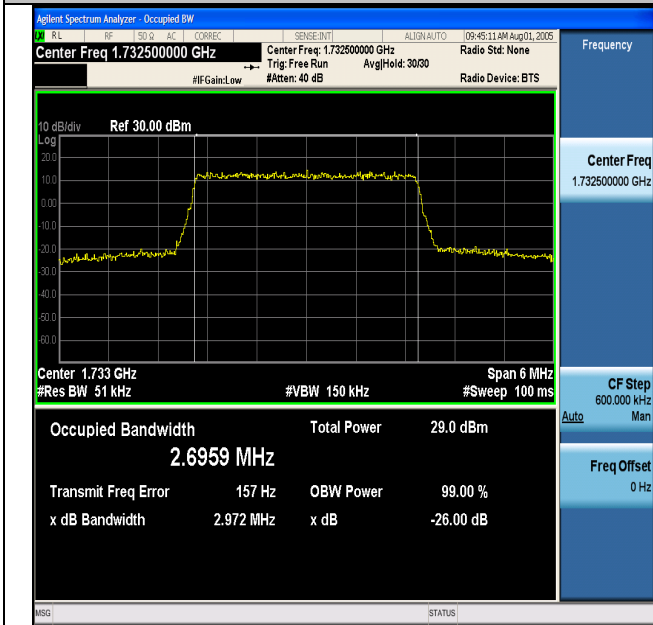
Band4-3MHz-QPSK-20175-15RB#0-PASS



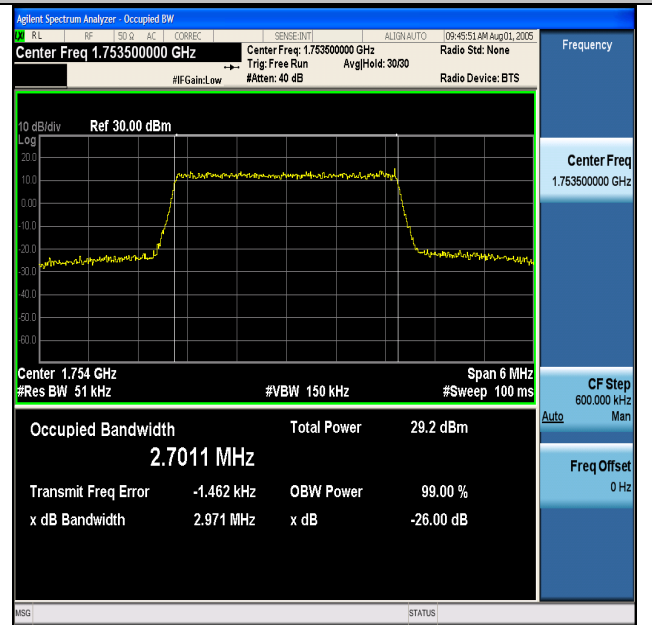
Band4-3MHz-QPSK-20385-15RB#0-PASS



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



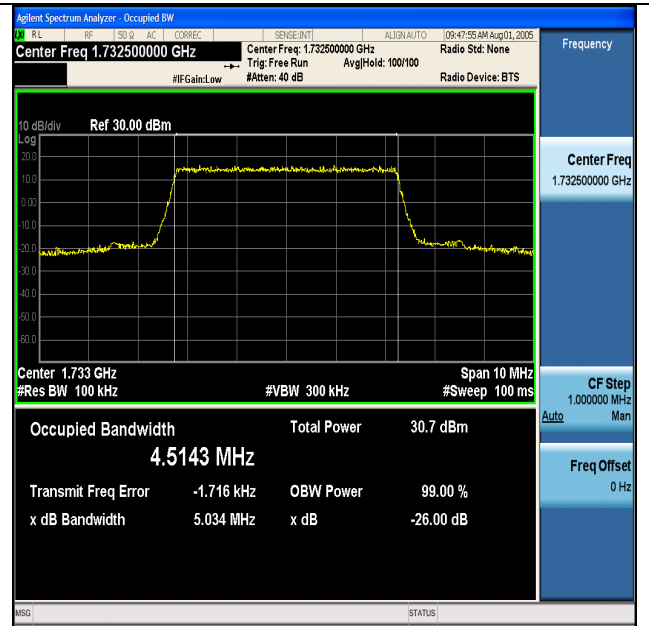
Band4-3MHz-16QAM-20175-15RB#0-PASS



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



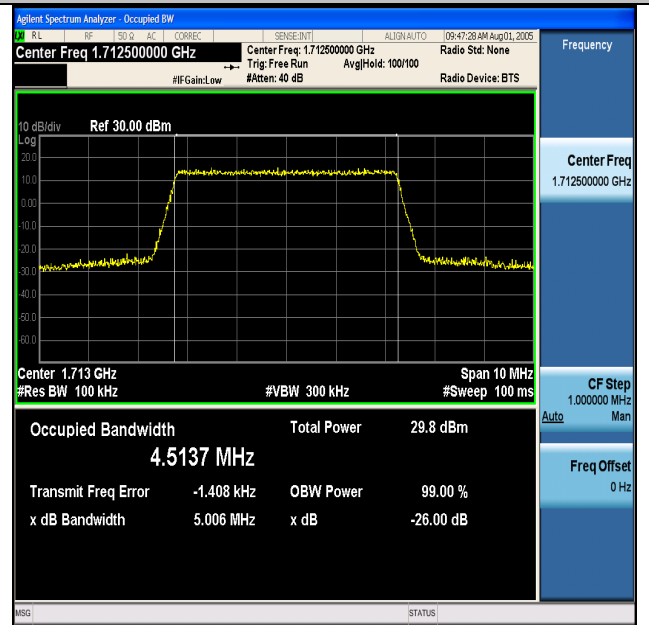
Band4-5MHz-QPSK-19975-25RB#0-PASS



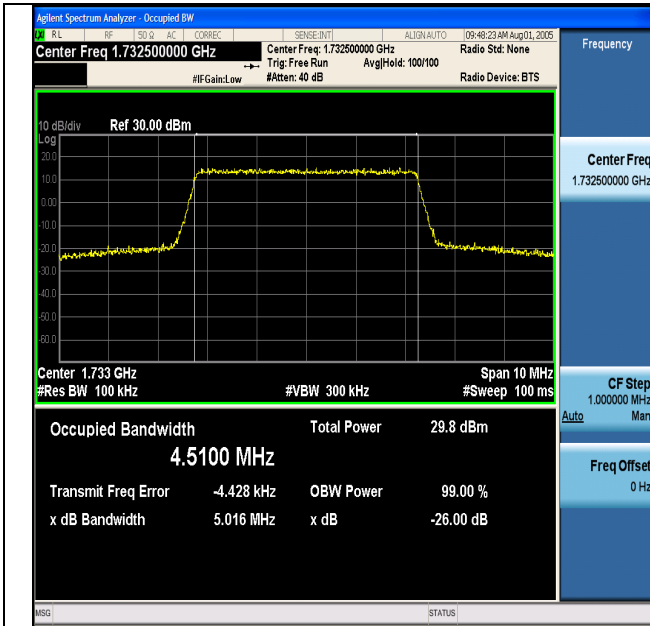
Band4-5MHz-QPSK-20175-25RB#0-PASS



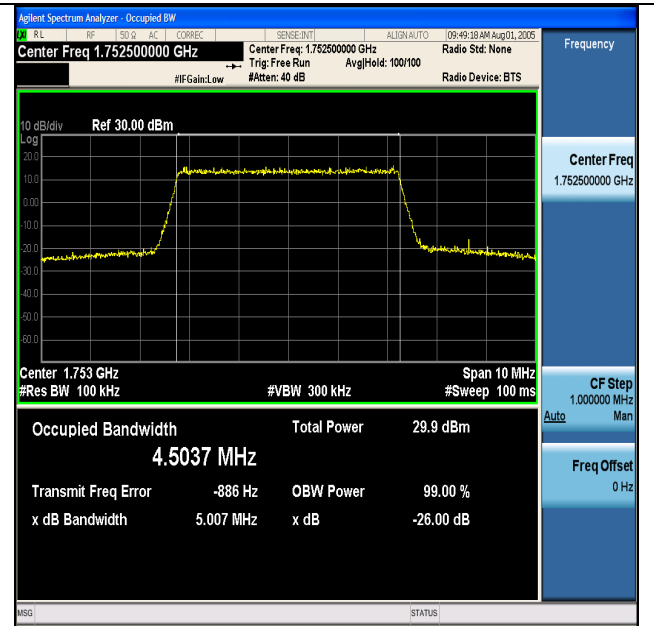
Band4-5MHz-QPSK-20375-25RB#0-PASS



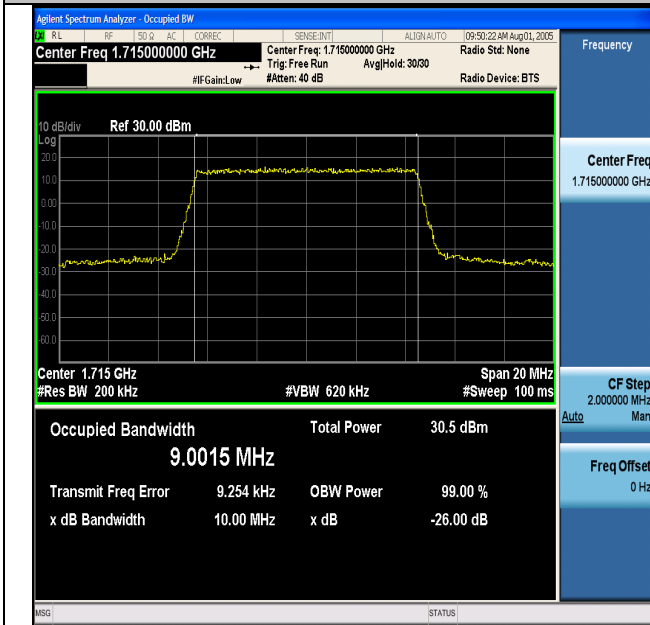
Band4-5MHz-16QAM-19975-25RB#0-PASS



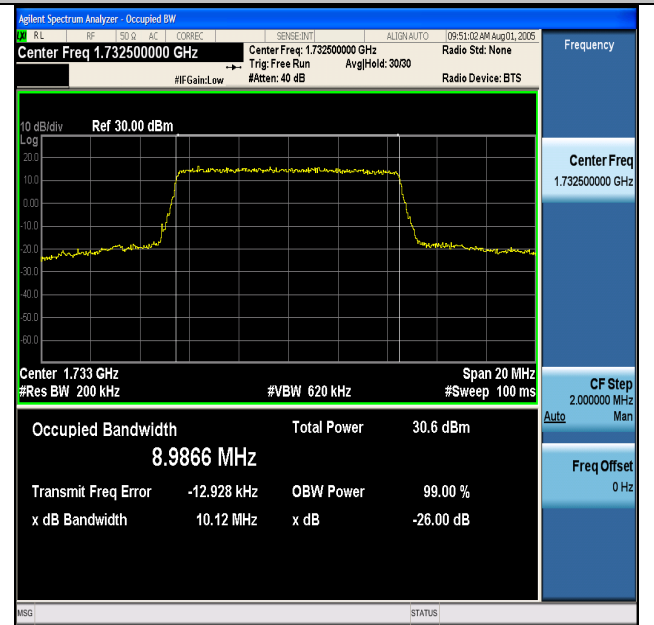
Band4-5MHz-16QAM-20175-25RB#0-PASS



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



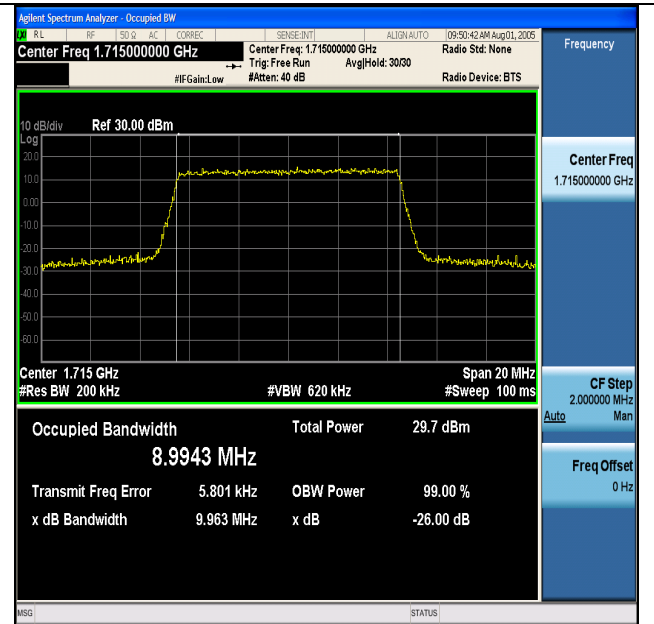
Band4-10MHz-QPSK-20000-50RB#0-PASS



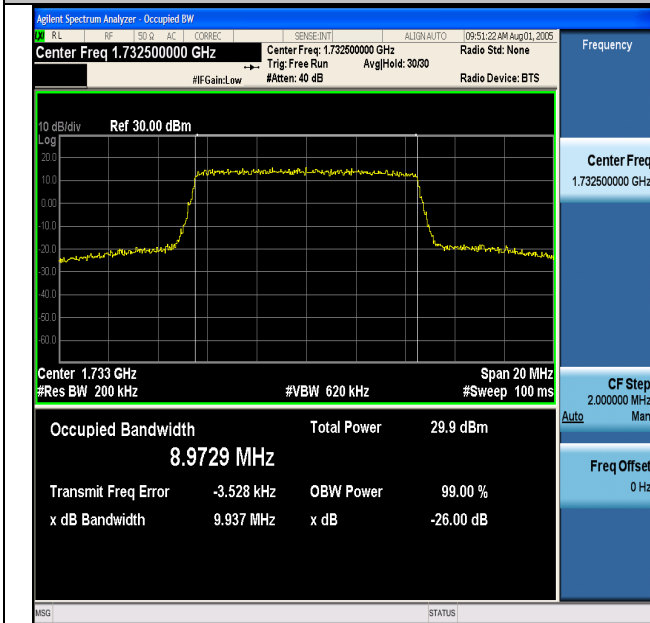
Band4-10MHz-QPSK-20175-50RB#0-PASS



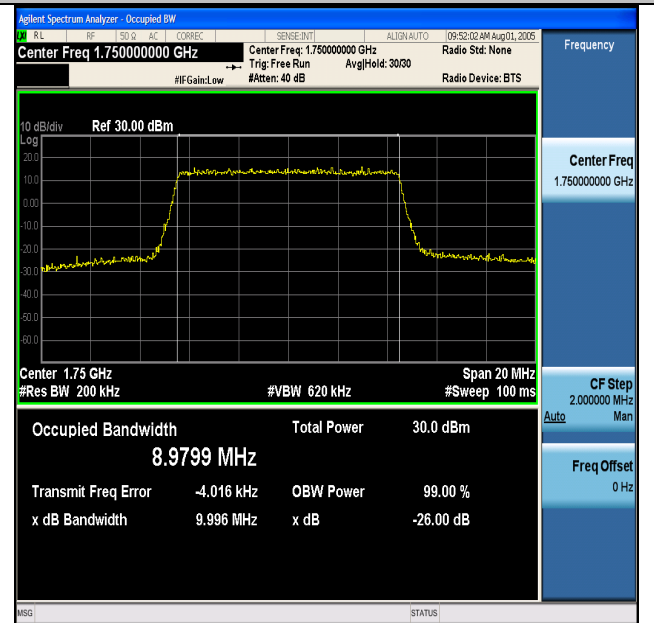
Band4-10MHz-QPSK-20350-50RB#0-PASS



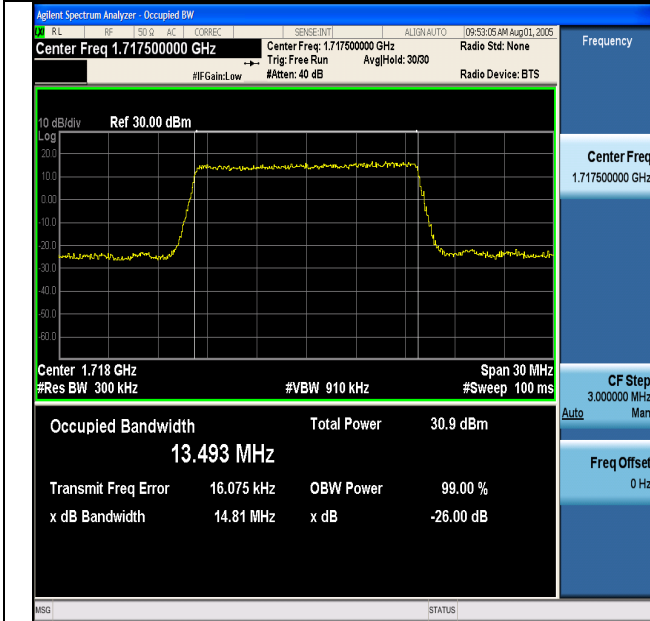
Band4-10MHz-16QAM-20000-50RB#0-PASS



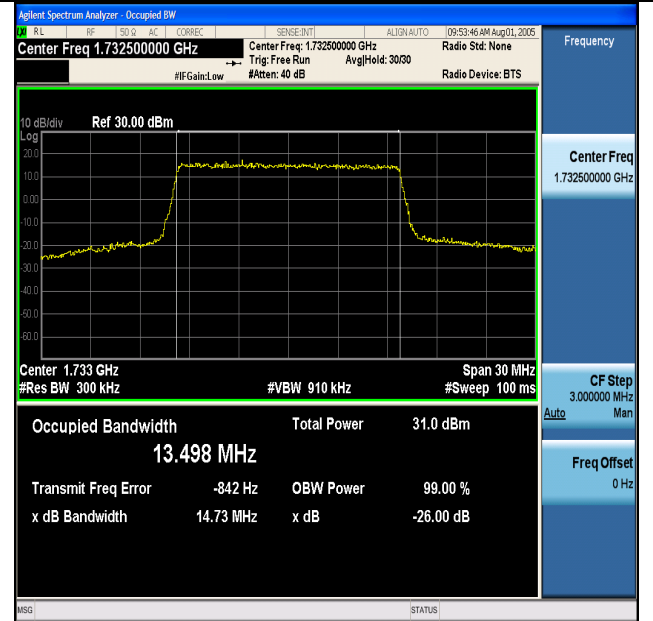
Band4-10MHz-16QAM-20175-50RB#0-PASS



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



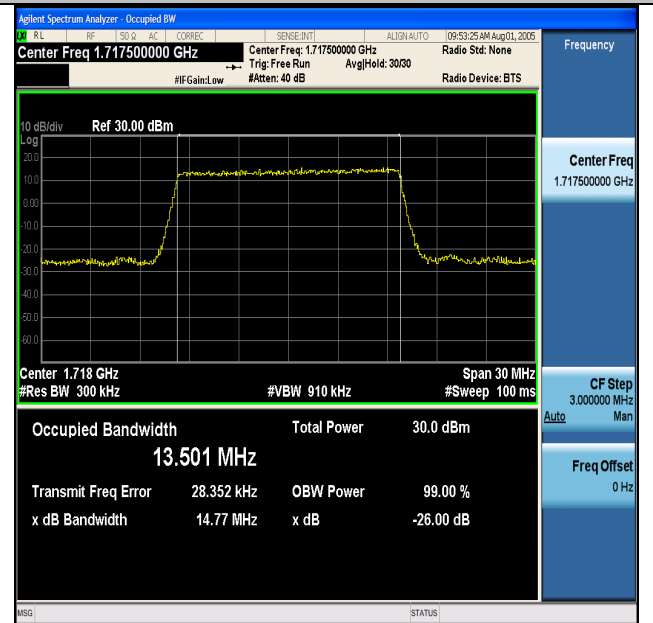
Band4-15MHz-QPSK-20025-75RB#0-PASS



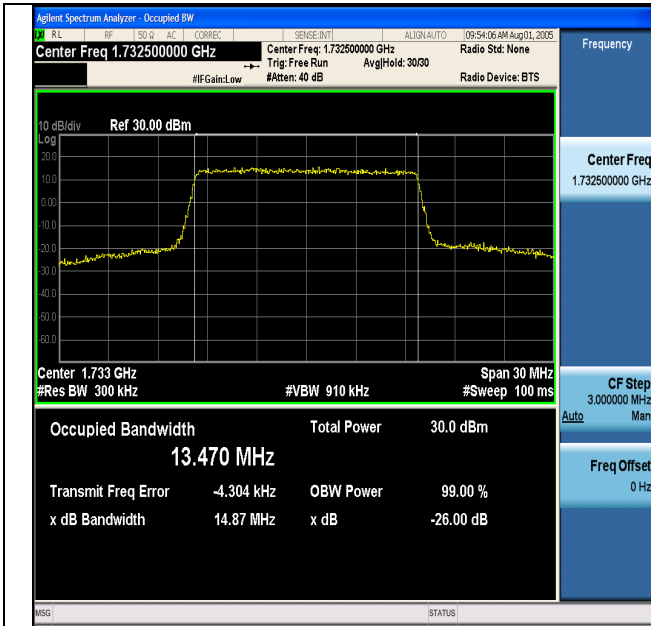
Band4-15MHz-QPSK-20175-75RB#0-PASS



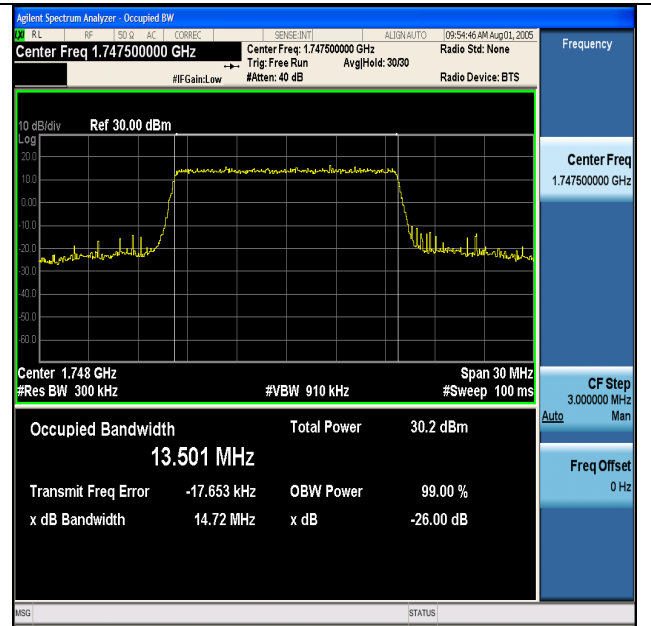
Band4-15MHz-QPSK-20325-75RB#0-PASS



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



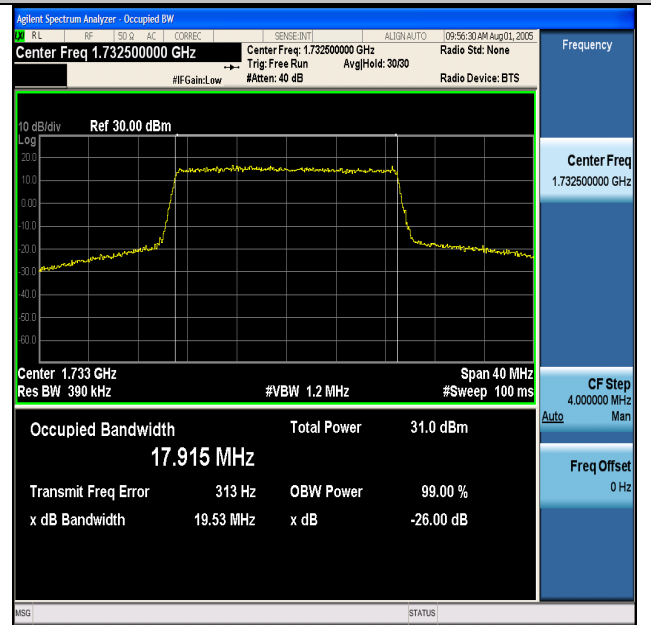
Band4-15MHz-16QAM-20175-75RB#0-PASS



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



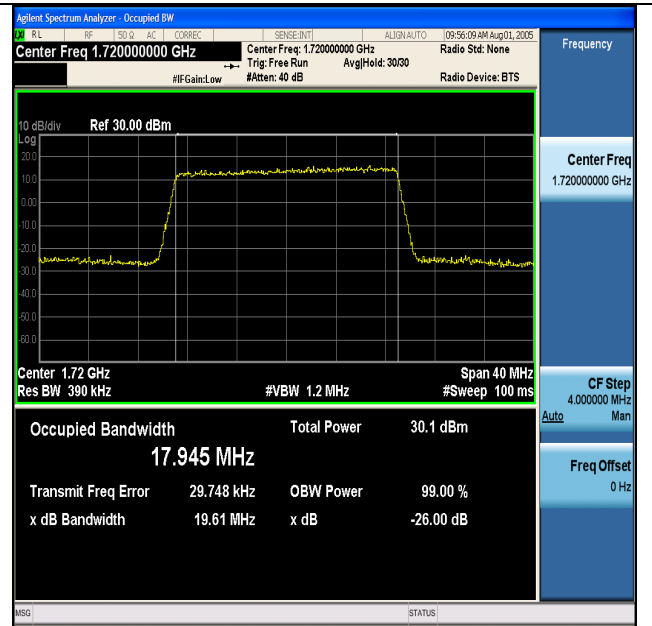
Band4-20MHz-QPSK-20050-100RB#0-PASS



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



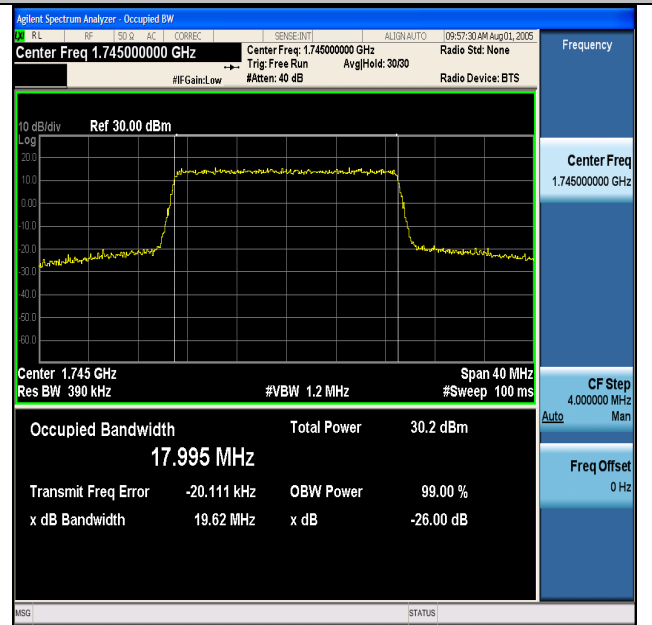
Band4-20MHz-QPSK-20300-100RB#0-PASS



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



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



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

Band Edge

Test Graphs



Band4_1.4MHz_QPSK_19957_1RB#0



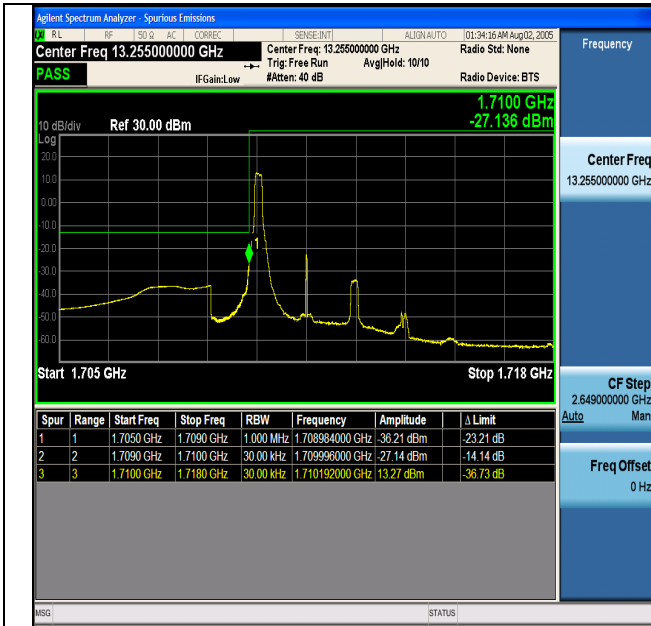
Band4_1.4MHz_QPSK_19957_6RB#0



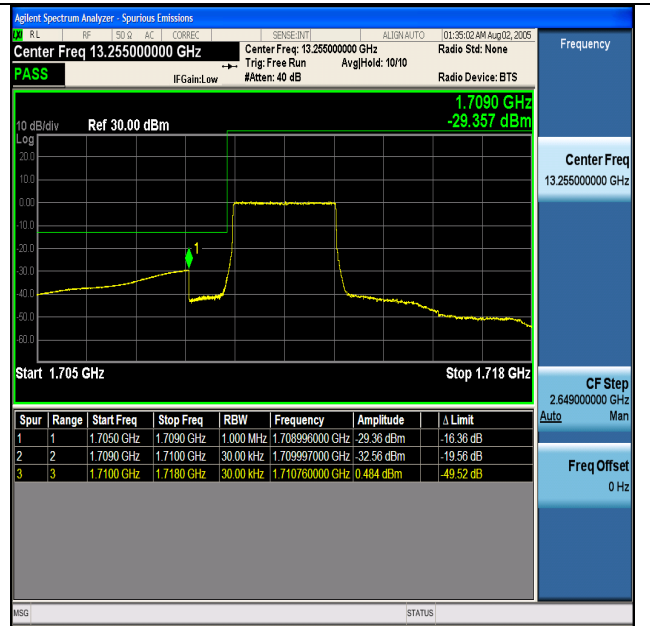
Band4_1.4MHz_QPSK_20393_1RB#5



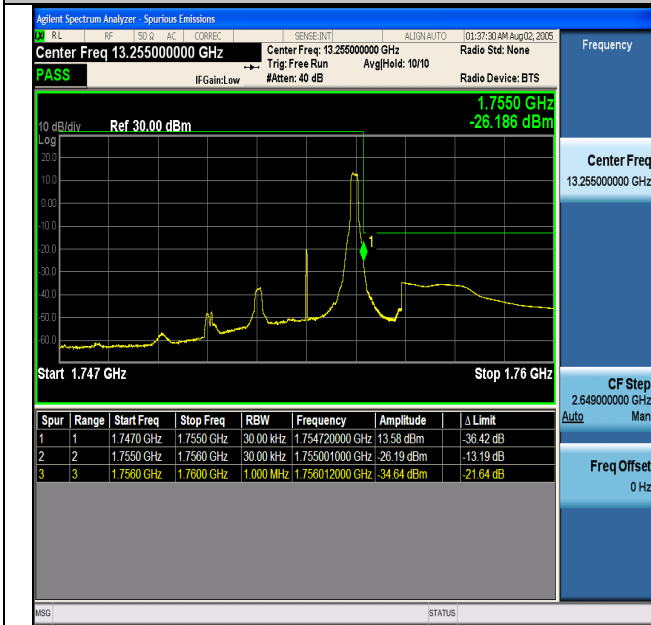
Band4_1.4MHz_QPSK_20393_6RB#0



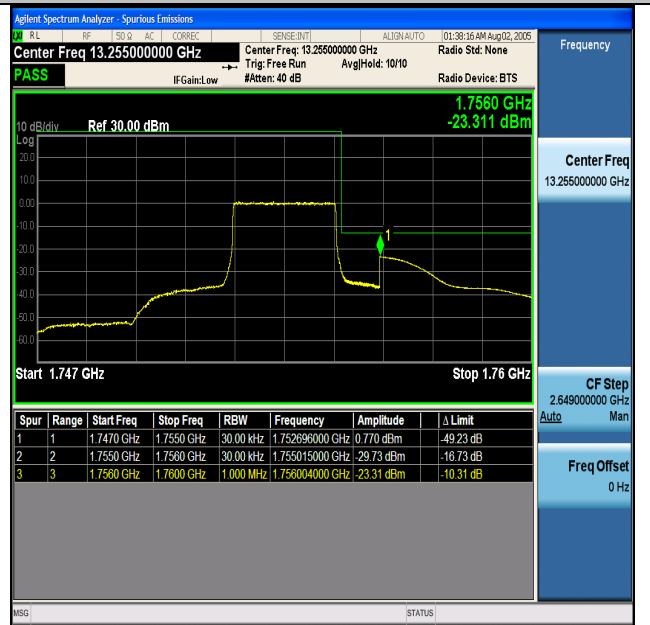
Band4_3MHz_QPSK_19965_1RB#0



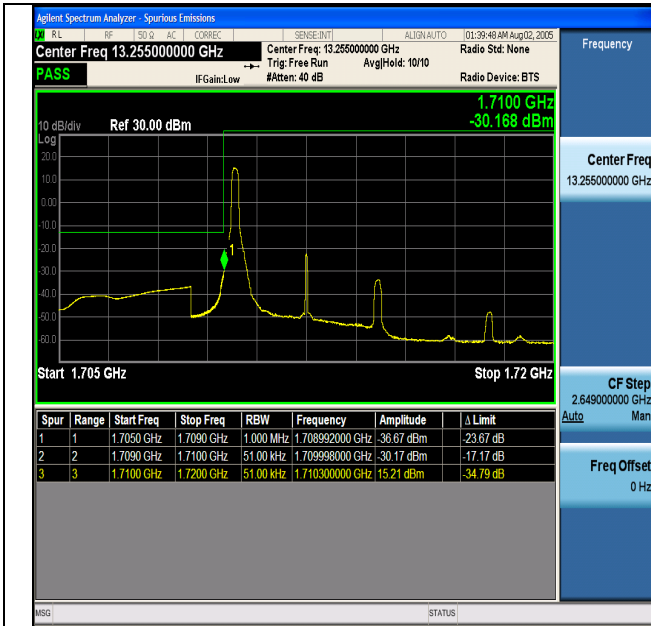
Band4_3MHz_QPSK_19965_15RB#0



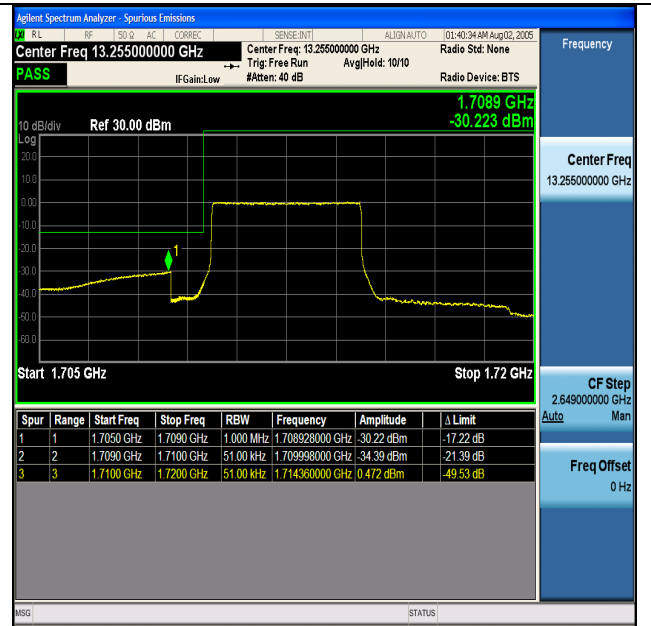
Band4_3MHz_QPSK_20385_1RB#14



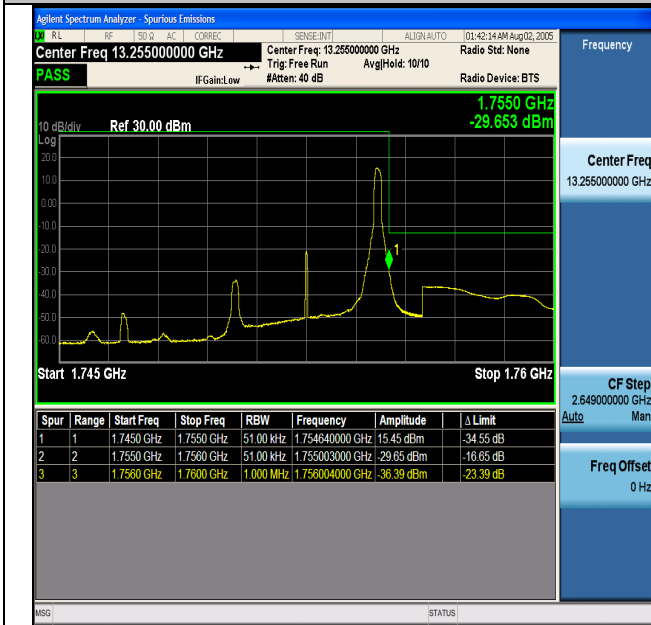
Band4_3MHz_QPSK_20385_15RB#0



Band4_5MHz_QPSK_19975_1RB#0



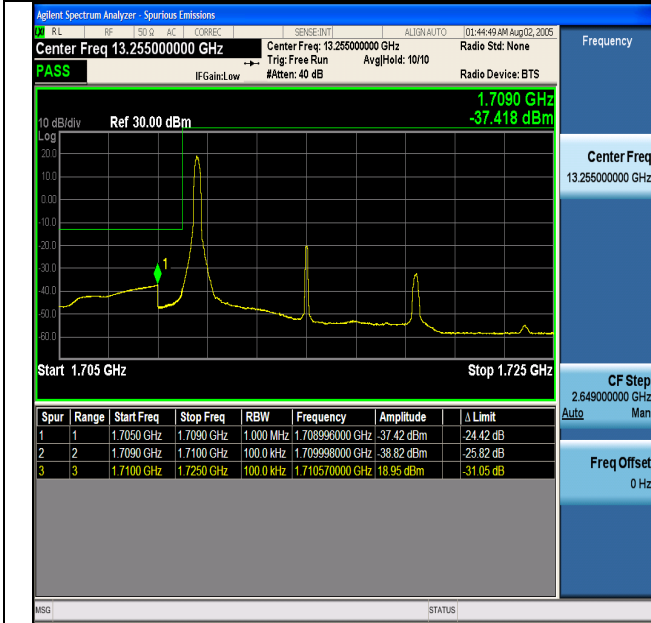
Band4_5MHz_QPSK_19975_25RB#0



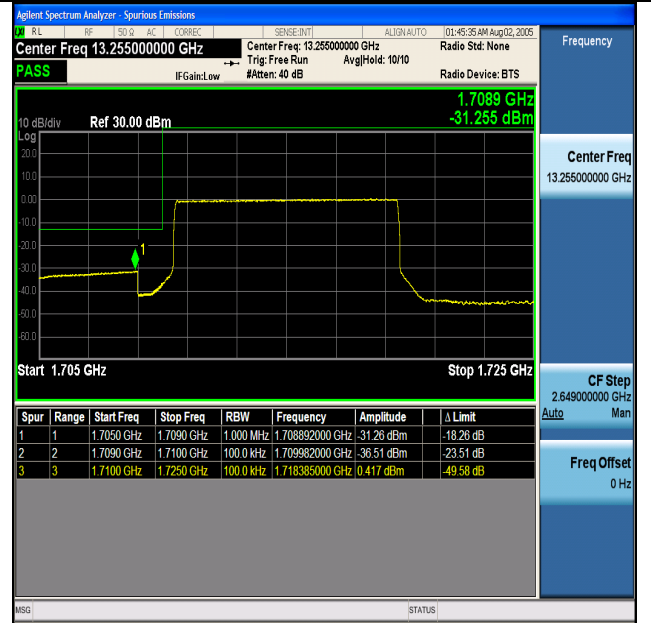
Band4_5MHz_QPSK_20375_1RB#24



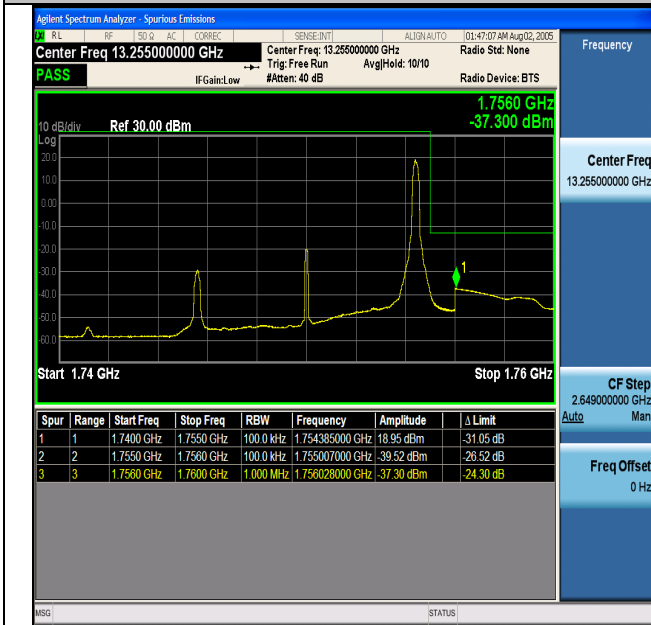
Band4_5MHz_QPSK_20375_25RB#0



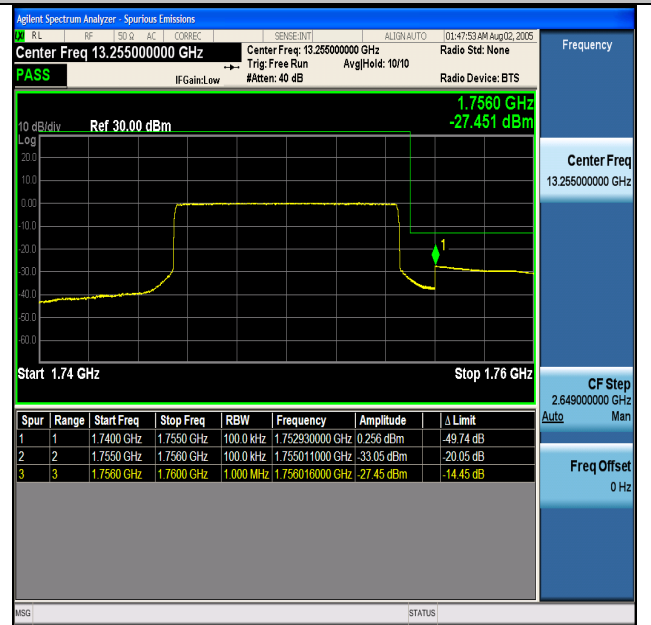
Band4_10MHz_QPSK_20000_1RB#0



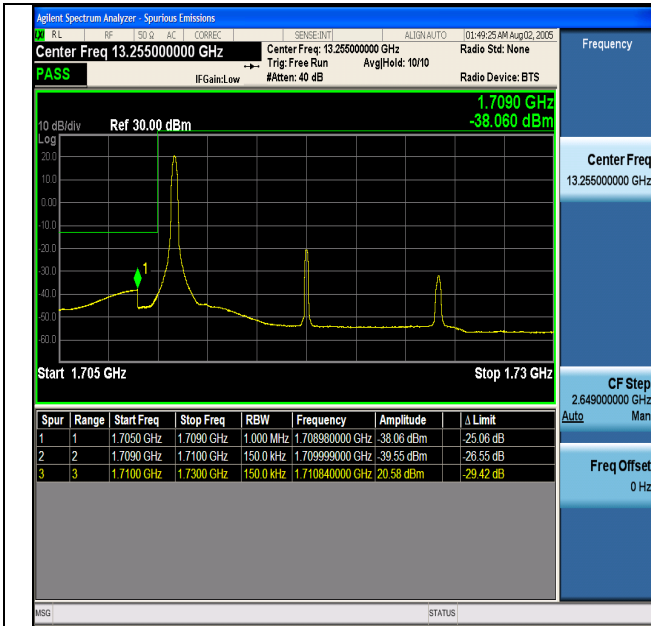
Band4_10MHz_QPSK_20000_50RB#0



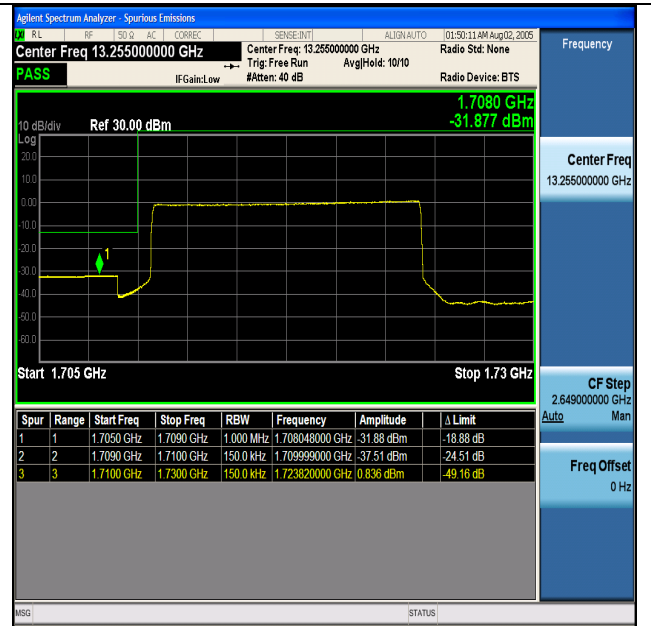
Band4_10MHz_QPSK_20350_1RB#49



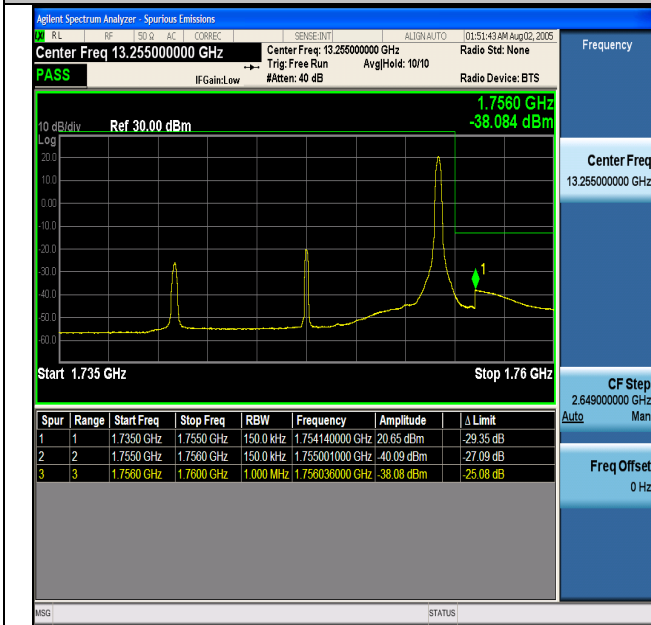
Band4_10MHz_QPSK_20350_50RB#0



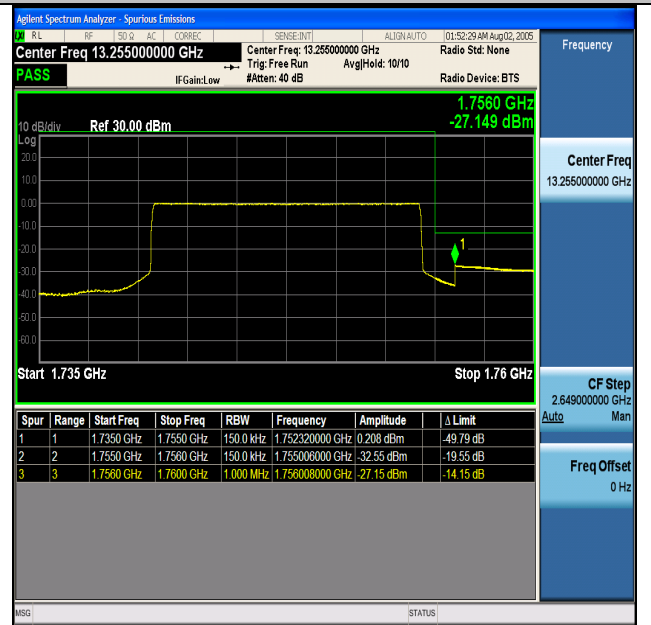
Band4_15MHz_QPSK_20025_1RB#0



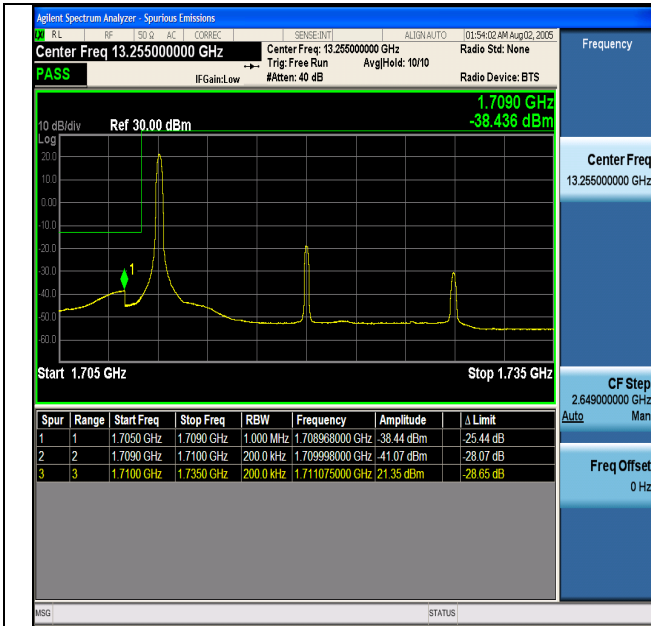
Band4_15MHz_QPSK_20025_75RB#0



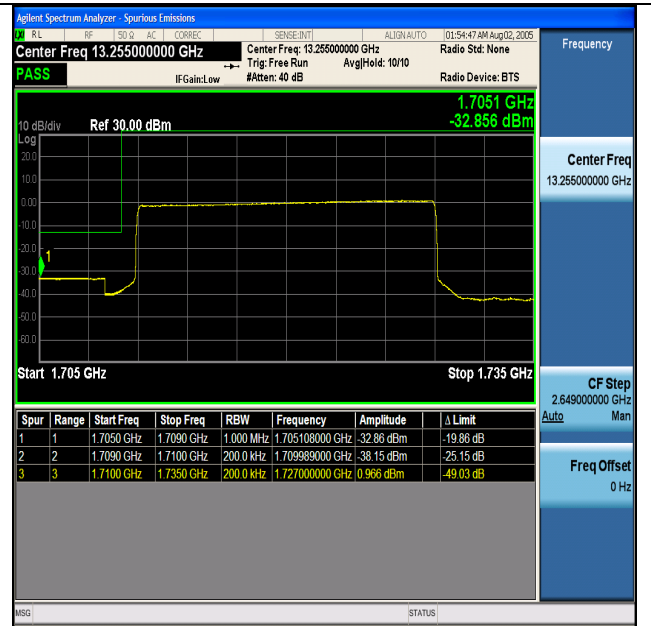
Band4_15MHz_QPSK_20325_1RB#74



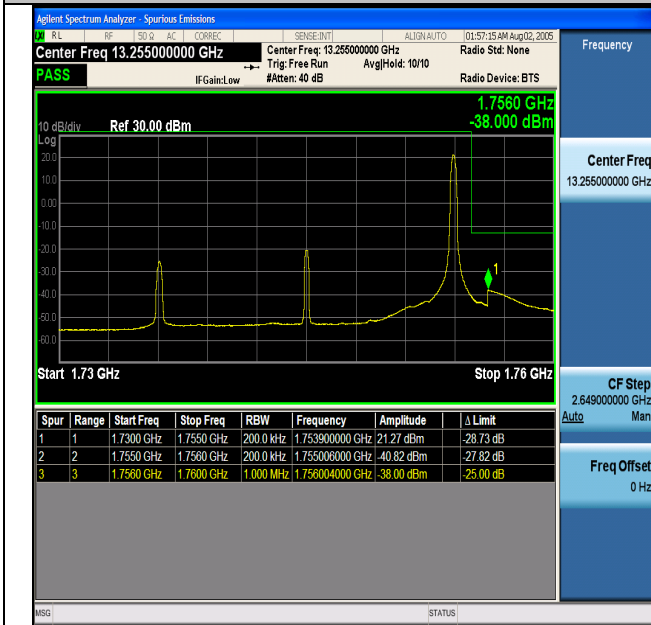
Band4_15MHz_QPSK_20325_75RB#0



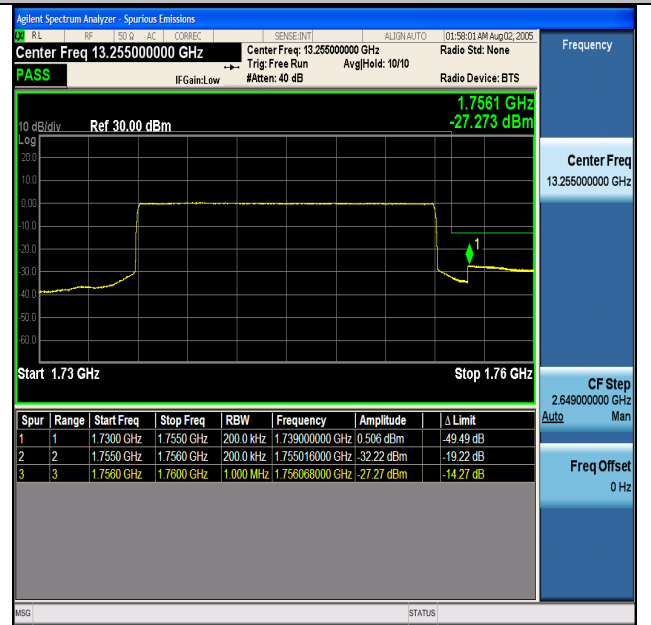
Band4_20MHz_QPSK_20050_1RB#0



Band4_20MHz_QPSK_20050_100RB#0



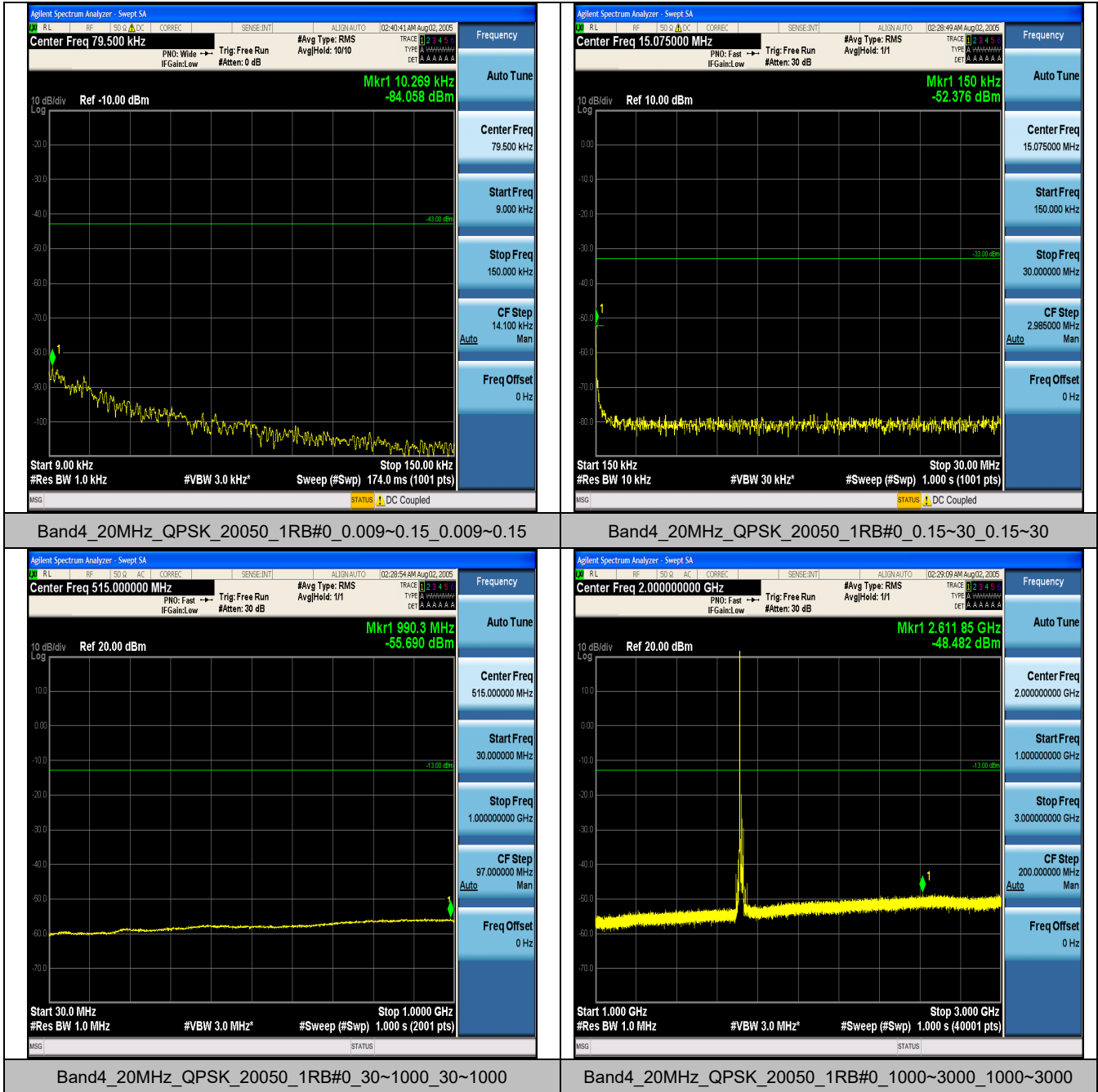
Band4_20MHz_QPSK_20300_1RB#99

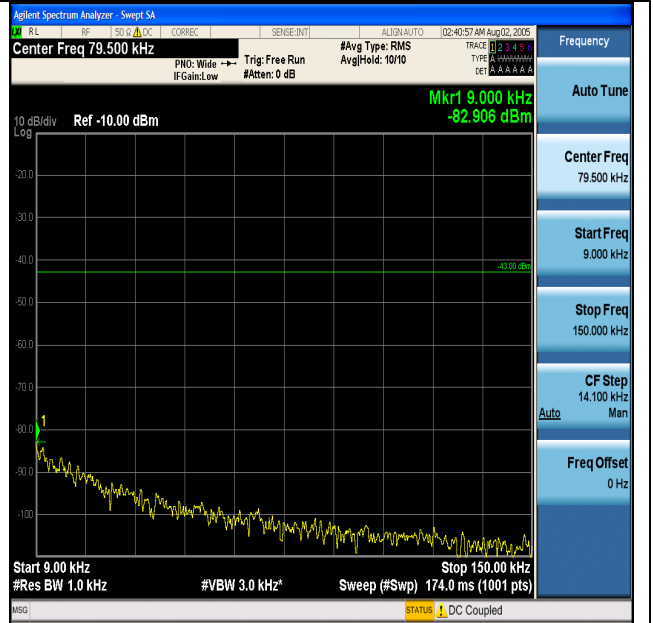
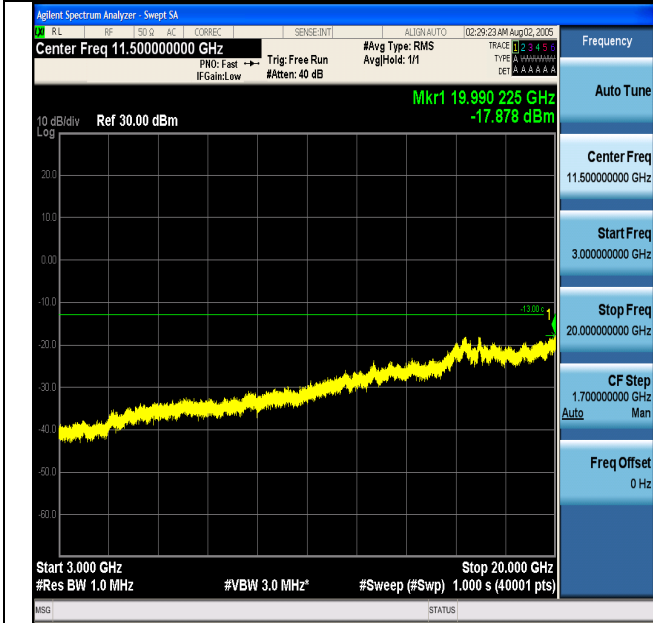


Band4_20MHz_QPSK_20300_100RB#0

Conducted Spurious Emission

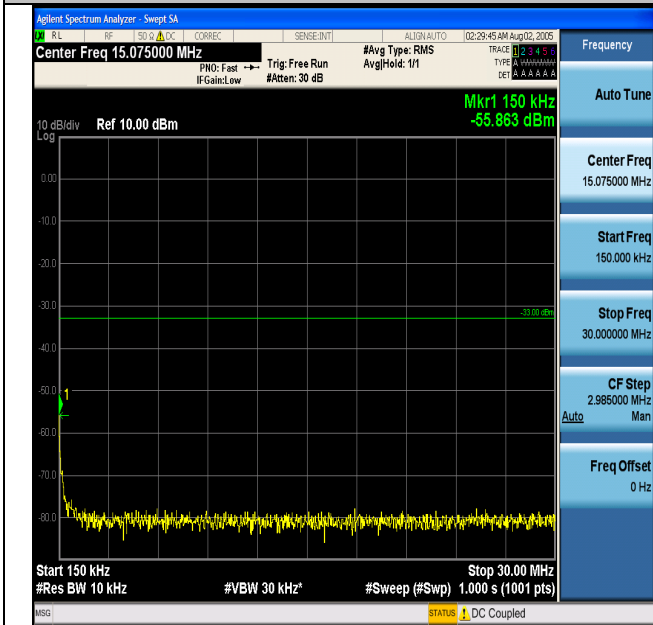
Test Graphs





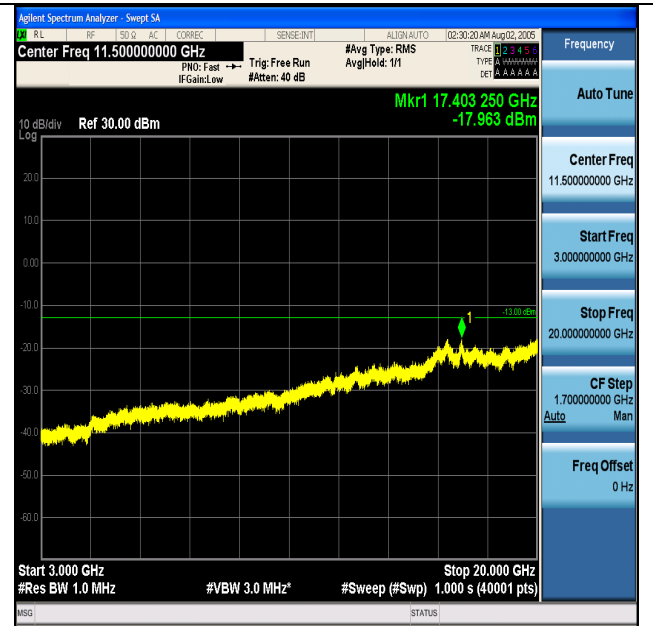
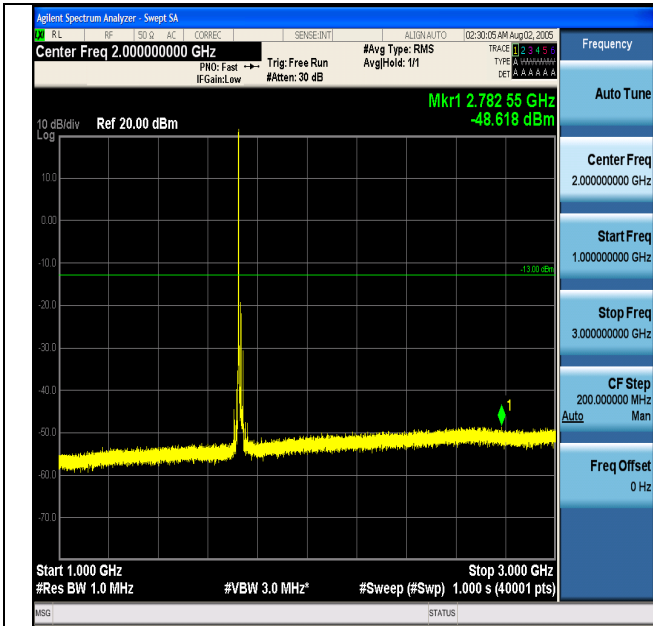
Band4_20MHz_QPSK_20050_1RB#0_3000~20000_3000~20000

Band4_20MHz_QPSK_20175_1RB#0_0.009~0.15_0.009~0.15



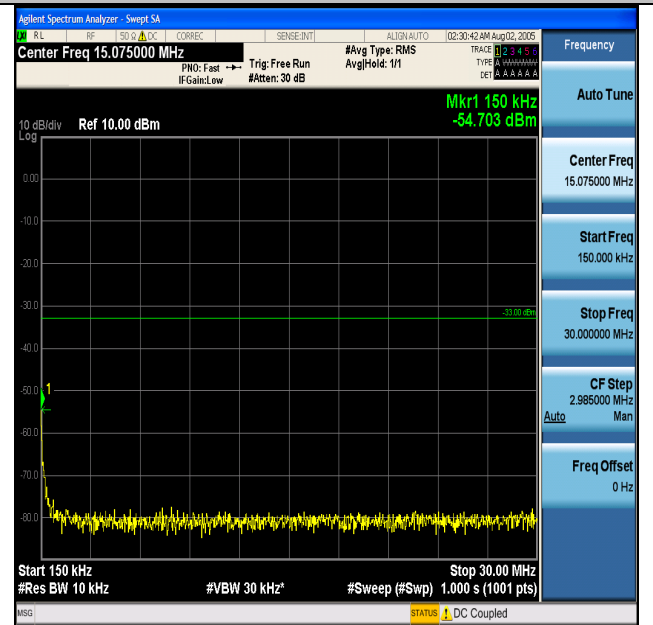
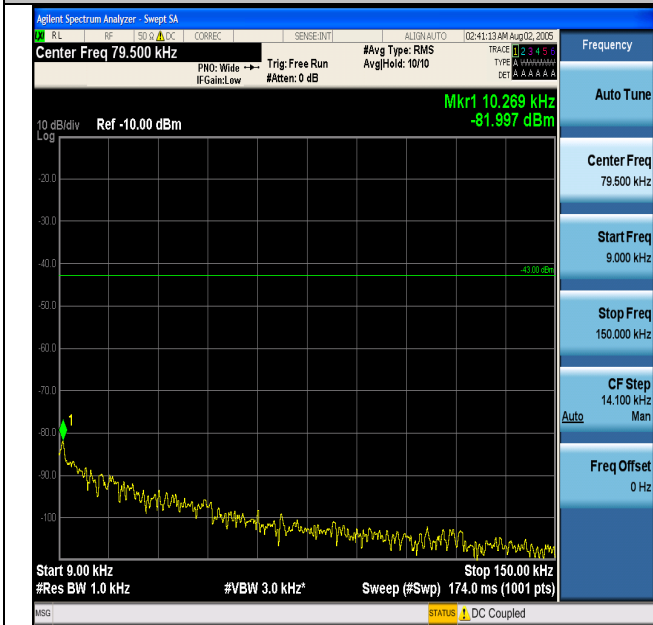
Band4_20MHz_QPSK_20175_1RB#0_0.15~30_0.15~30

Band4_20MHz_QPSK_20175_1RB#0_30~1000_30~1000



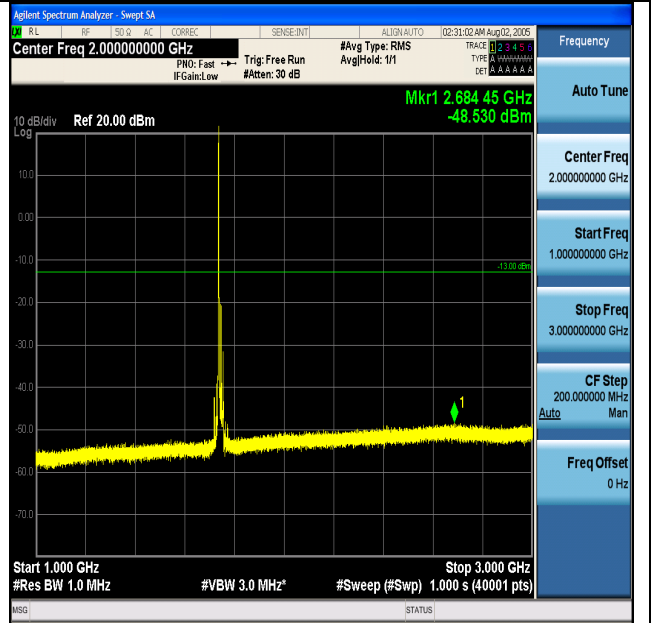
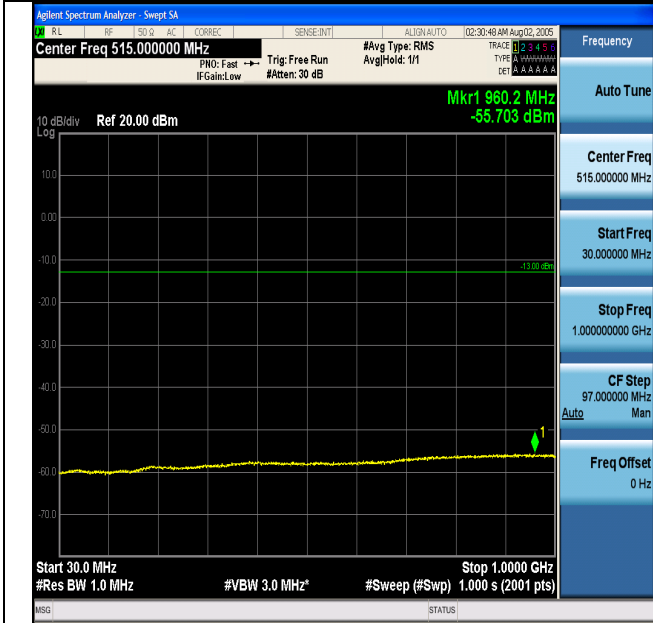
Band4_20MHz_QPSK_20175_1RB#0_1000~3000_1000~3000

Band4_20MHz_QPSK_20175_1RB#0_3000~20000_3000~20000



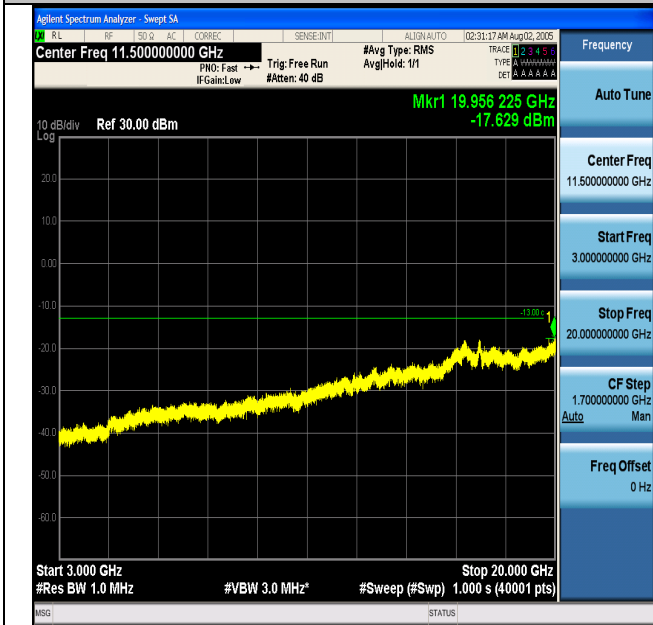
Band4_20MHz_QPSK_20300_1RB#0_0.009~0.15_0.009~0.15

Band4_20MHz_QPSK_20300_1RB#0_0.15~30_0.15~30



Band4_20MHz_QPSK_20300_1RB#0_30~1000_30~1000

Band4_20MHz_QPSK_20300_1RB#0_1000~3000_1000~3000



Band4_20MHz_QPSK_20300_1RB#0_3000~20000_3000~20000

Frequency Stability

Test Result

Voltage									
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Verdict
Band4	20MHz	QPSK	20175	100RB#0	VN	NT	0.70	0.000404	PASS
Band4	20MHz	QPSK	20175	100RB#0	VL	NT	2.50	0.001443	PASS
Band4	20MHz	QPSK	20175	100RB#0	VH	NT	0.50	0.000289	PASS
Band4	20MHz	16QAM	20175	100RB#0	VN	NT	1.40	0.000808	PASS
Band4	20MHz	16QAM	20175	100RB#0	VL	NT	1.70	0.000981	PASS
Band4	20MHz	16QAM	20175	100RB#0	VH	NT	1.70	0.000981	PASS

Temperature									
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Verdict
Band4	20MHz	QPSK	20175	100RB#0	NV	-30	1.30	0.000750	PASS
Band4	20MHz	QPSK	20175	100RB#0	NV	-20	0.50	0.000289	PASS
Band4	20MHz	QPSK	20175	100RB#0	NV	-10	0.70	0.000404	PASS
Band4	20MHz	QPSK	20175	100RB#0	NV	0	1.40	0.000808	PASS
Band4	20MHz	QPSK	20175	100RB#0	NV	10	1.60	0.000924	PASS
Band4	20MHz	QPSK	20175	100RB#0	NV	20	1.20	0.000693	PASS
Band4	20MHz	QPSK	20175	100RB#0	NV	30	1.70	0.000981	PASS
Band4	20MHz	QPSK	20175	100RB#0	NV	40	0.10	0.000058	PASS
Band4	20MHz	QPSK	20175	100RB#0	NV	50	1.20	0.000693	PASS
Band4	20MHz	16QAM	20175	100RB#0	NV	-30	2.00	0.001154	PASS
Band4	20MHz	16QAM	20175	100RB#0	NV	-20	0.90	0.000519	PASS
Band4	20MHz	16QAM	20175	100RB#0	NV	-10	3.10	0.001789	PASS
Band4	20MHz	16QAM	20175	100RB#0	NV	0	1.20	0.000693	PASS
Band4	20MHz	16QAM	20175	100RB#0	NV	10	1.10	0.000635	PASS
Band4	20MHz	16QAM	20175	100RB#0	NV	20	1.10	0.000635	PASS
Band4	20MHz	16QAM	20175	100RB#0	NV	30	1.10	0.000635	PASS
Band4	20MHz	16QAM	20175	100RB#0	NV	40	1.60	0.000924	PASS
Band4	20MHz	16QAM	20175	100RB#0	NV	50	3.30	0.001905	PASS

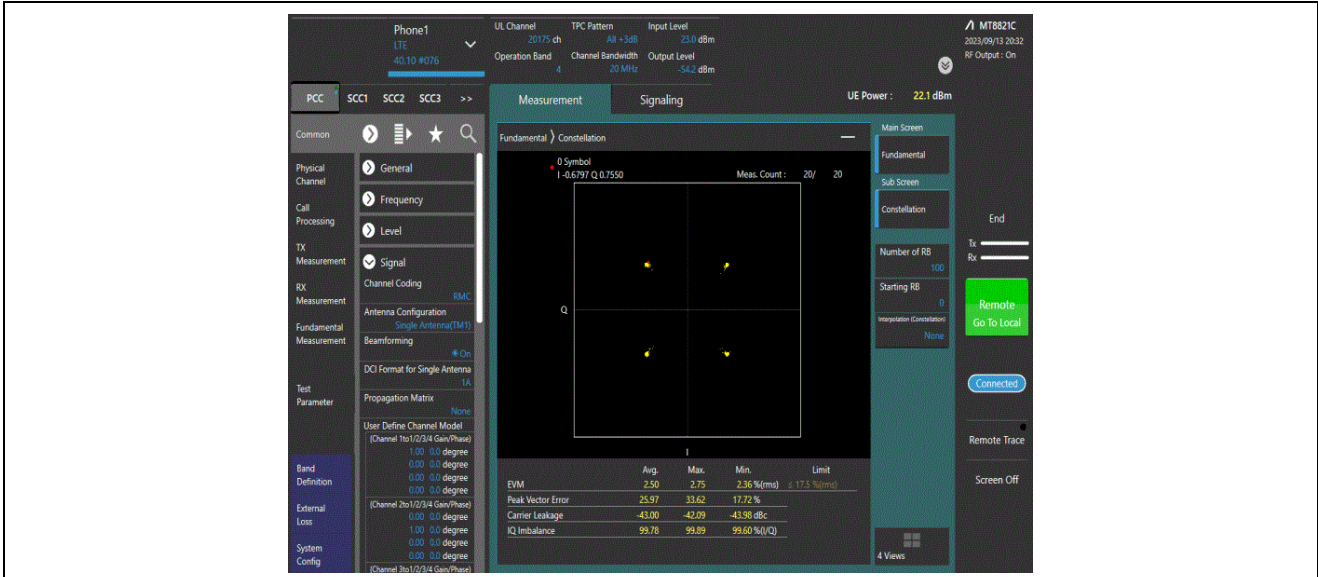


Modulation Characteristics

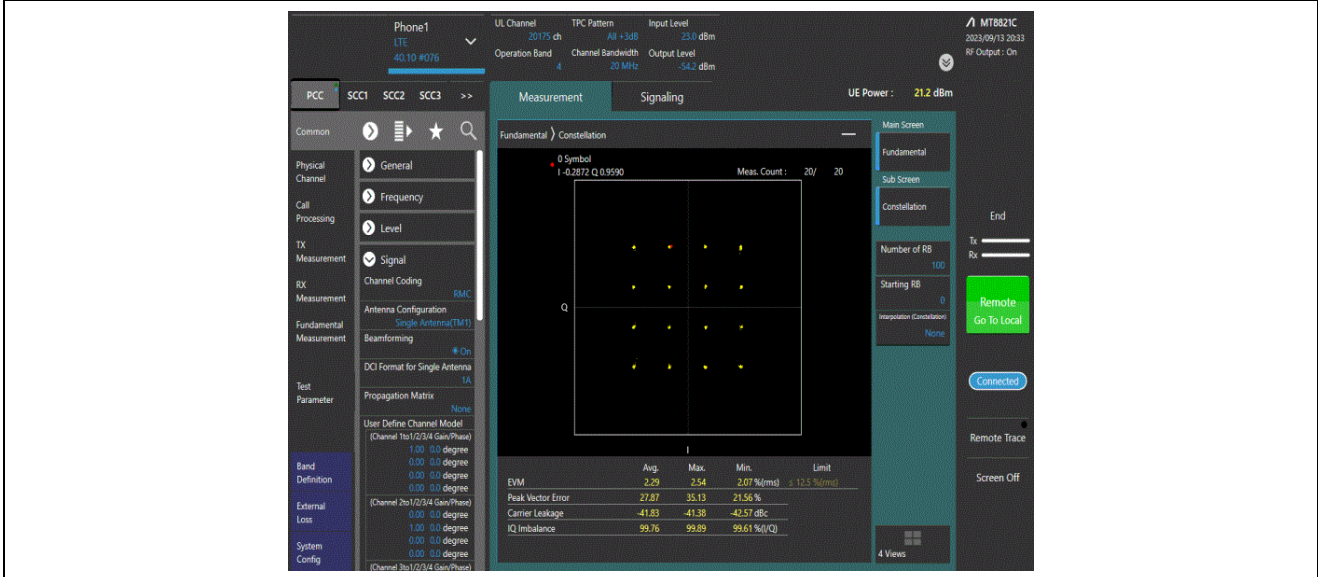
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result	Verdict
Band4	20MHz	QPSK	20175	100RB#0	PASS	PASS
Band4	20MHz	16QAM	20175	100RB#0	PASS	PASS

Test Graphs



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

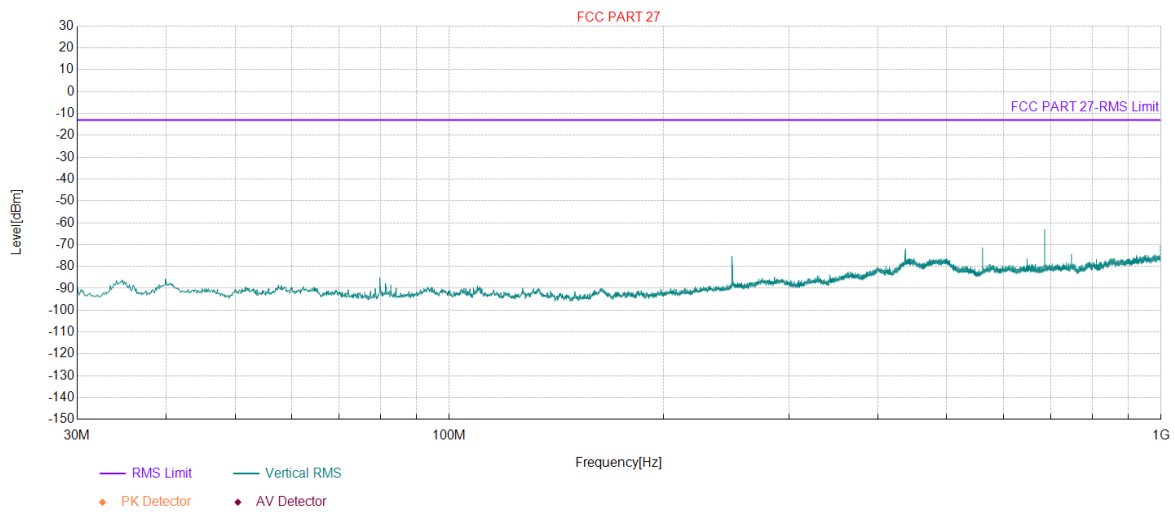
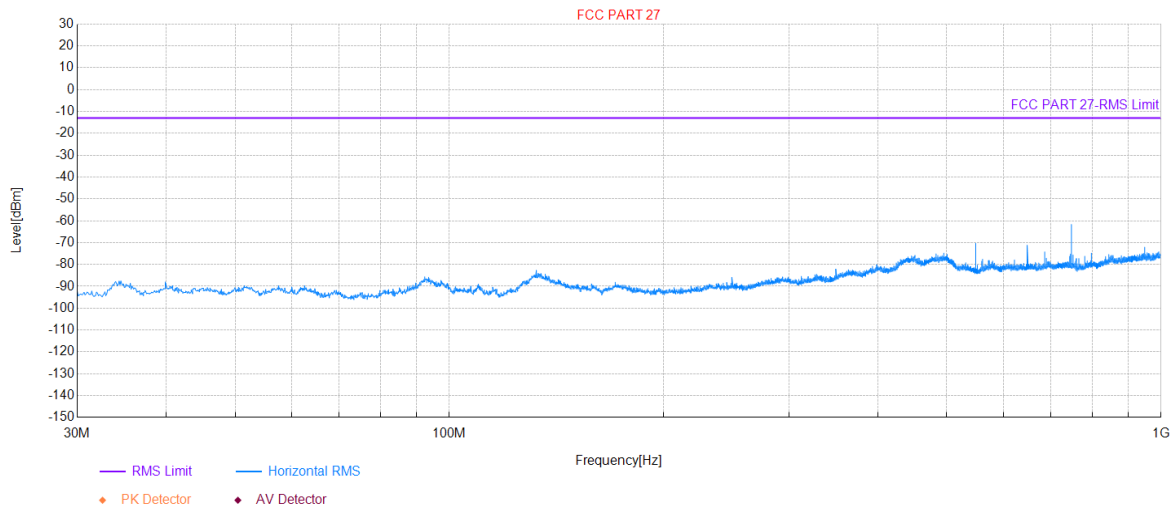


Band4-20MHz-16QAM-20175-100RB#0

Field Strength of Spurious Radiation

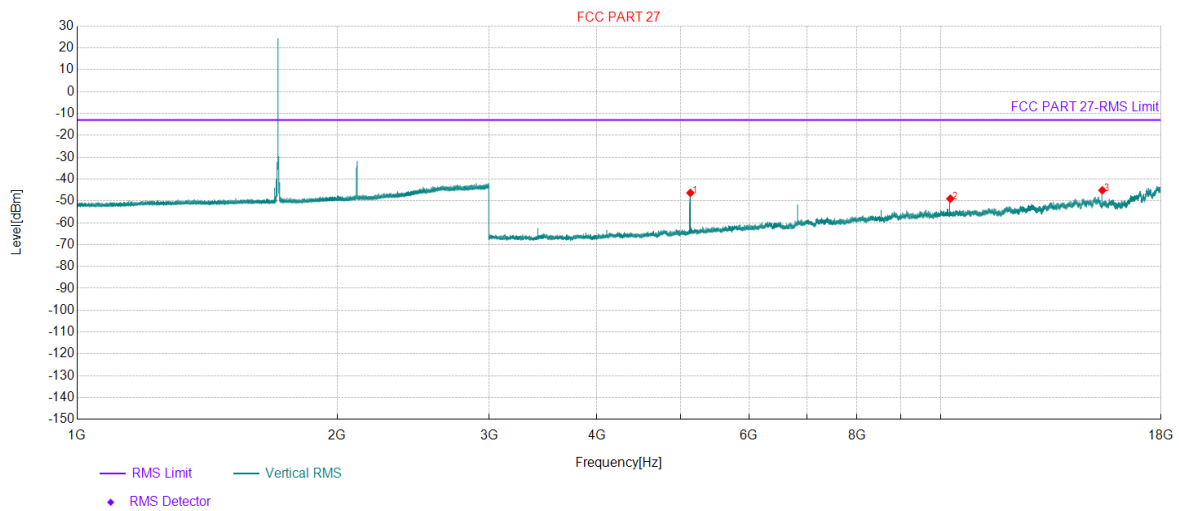
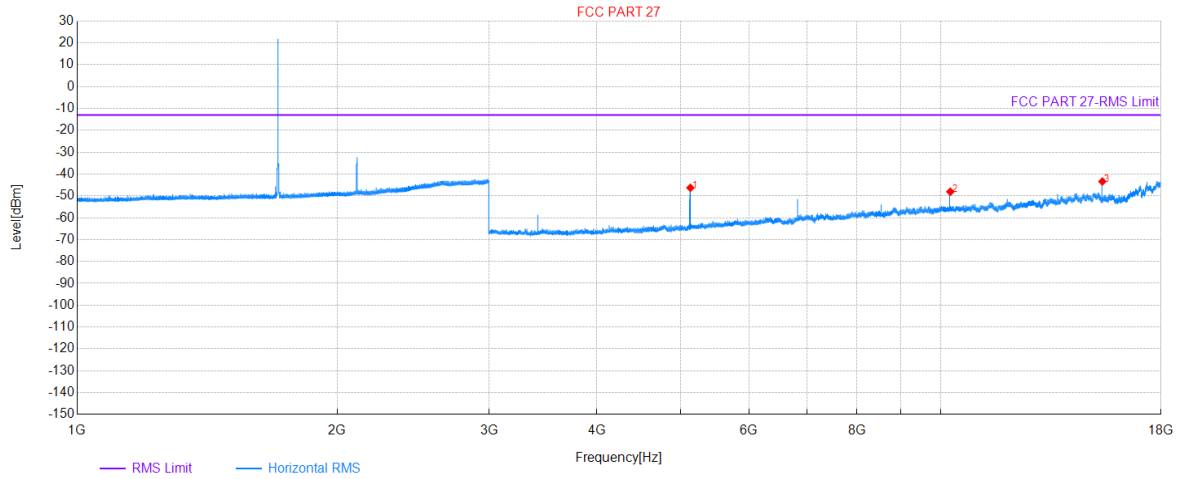
Below 1GHz

LTE Band4-MCH(worst-case)



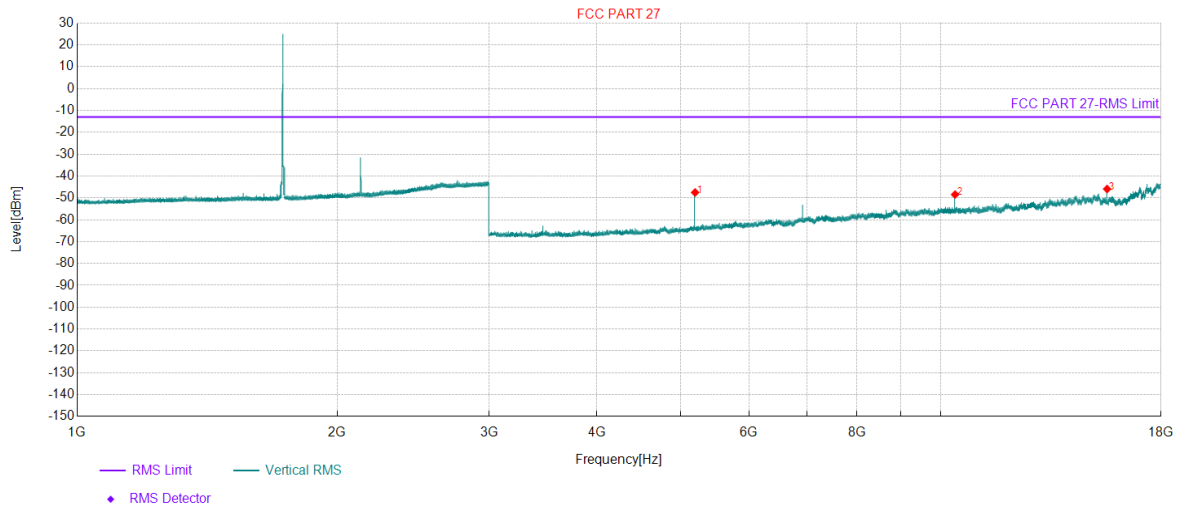
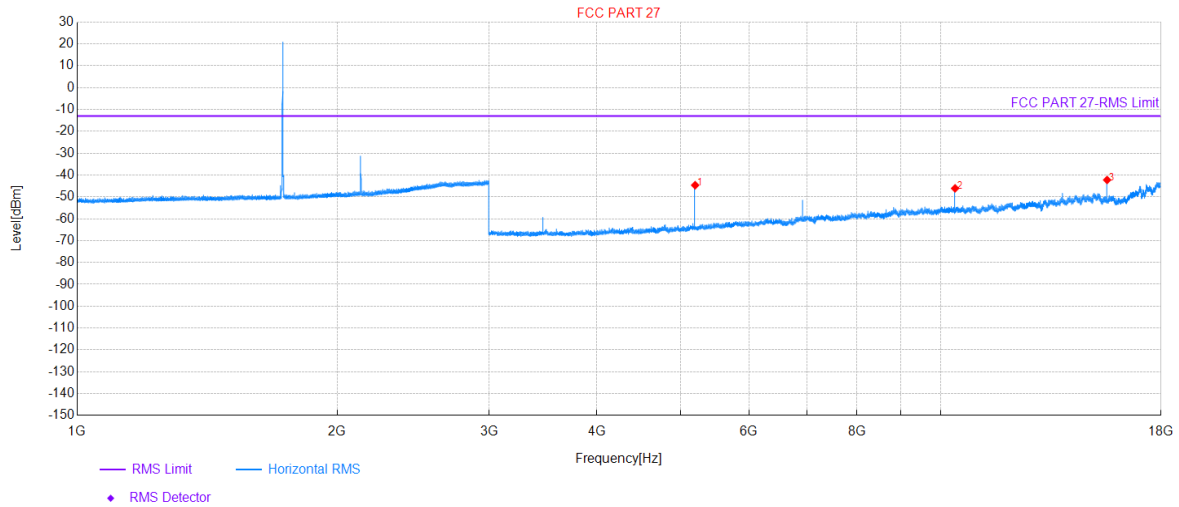
Above1GHz

LTE Band4-LCH



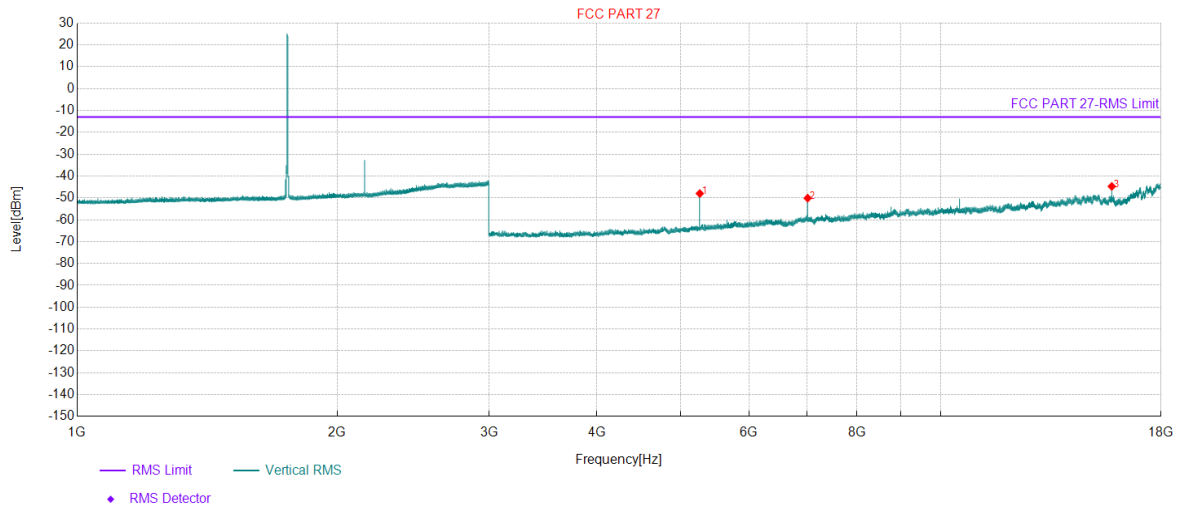
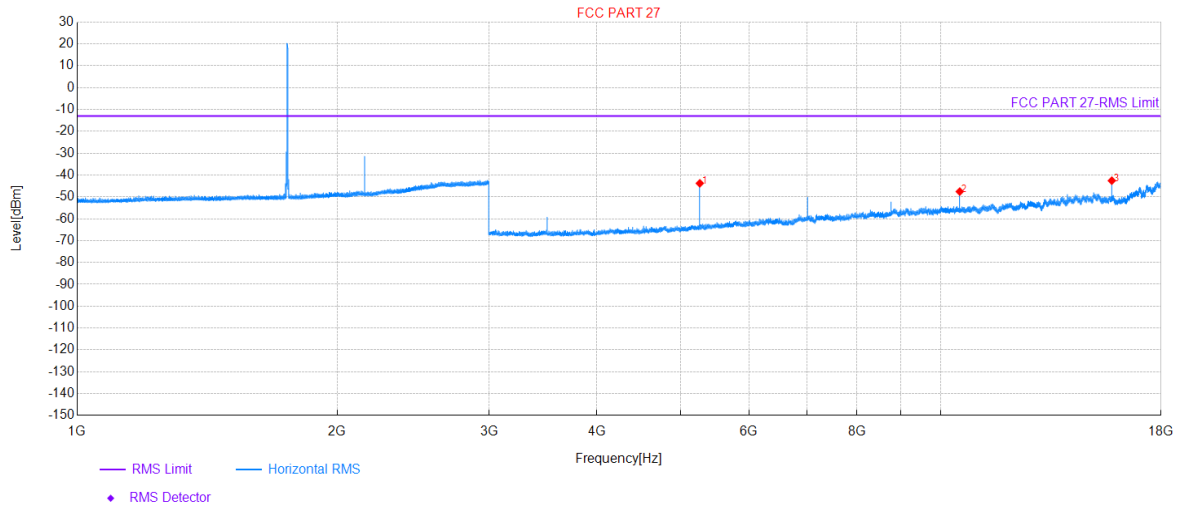
Data List											
NO.	Freq. [MHz]	Reading [dBuV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Trace	Polarity	Verdict
1	5131	55.95	-102.25	-46.30	-13.00	33.30	110	79	RMS	Horizontal	PASS
2	10262	43.54	-91.63	-48.09	-13.00	35.09	386	28	RMS	Horizontal	PASS
3	15392.5	45.09	-88.49	-43.40	-13.00	30.40	379	268	RMS	Horizontal	PASS
1	5130.5	55.92	-102.26	-46.34	-13.00	33.34	166	259	RMS	Vertical	PASS
2	10261.5	42.63	-91.63	-49.00	-13.00	36.00	349	166	RMS	Vertical	PASS
3	15392	43.33	-88.49	-45.16	-13.00	32.16	210	328	RMS	Vertical	PASS

LTE Band4-MCH



Data List											
NO.	Freq. [MHz]	Reading [dBuV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Trace	Polarity	Verdict
1	5196.5	57.54	-102.18	-44.64	-13.00	31.64	110	49	RMS	Horizontal	PASS
2	10392.5	45.65	-91.74	-46.09	-13.00	33.09	347	264	RMS	Horizontal	PASS
3	15588.5	45.92	-88.16	-42.24	-13.00	29.24	231	28	RMS	Horizontal	PASS
1	5196	54.66	-102.18	-47.52	-13.00	34.52	282	250	RMS	Vertical	PASS
2	10392.5	43.29	-91.74	-48.45	-13.00	35.45	118	264	RMS	Vertical	PASS
3	15588.5	42.23	-88.16	-45.93	-13.00	32.93	174	322	RMS	Vertical	PASS

LTE Band4-HCH



Data List											
NO.	Freq. [MHz]	Reading [dBuV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Trace	Polarity	Verdict
1	5261.5	58.21	-101.99	-43.78	-13.00	30.78	283	64	RMS	Horizontal	PASS
2	10523	43.82	-91.38	-47.56	-13.00	34.56	108	279	RMS	Horizontal	PASS
3	15785	45.19	-87.76	-42.57	-13.00	29.57	155	271	RMS	Horizontal	PASS
1	5261.5	54.00	-101.99	-47.99	-13.00	34.99	221	258	RMS	Vertical	PASS
2	7015.5	47.03	-97.14	-50.11	-13.00	37.11	150	128	RMS	Vertical	PASS
3	15784.5	43.02	-87.77	-44.75	-13.00	31.75	234	322	RMS	Vertical	PASS