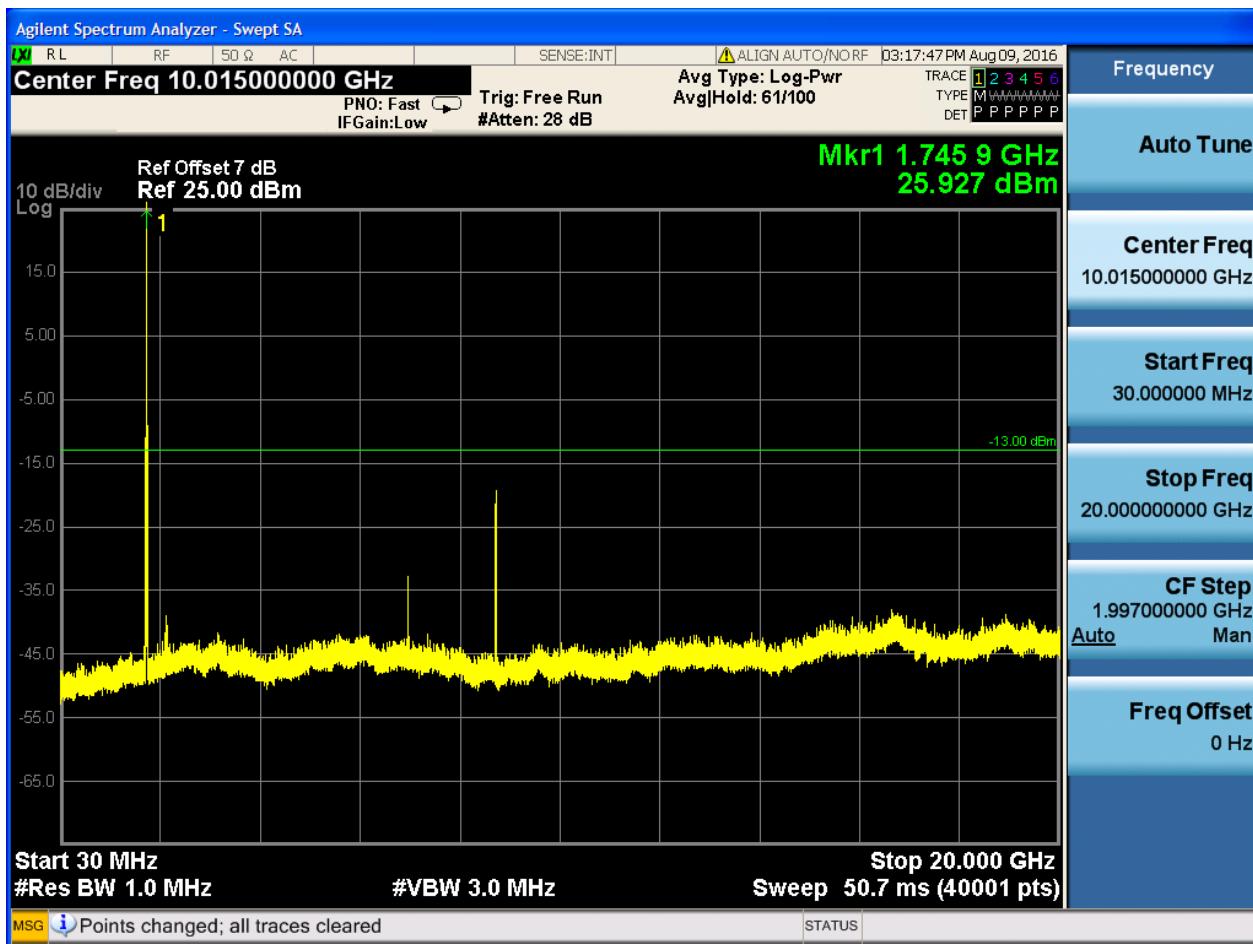


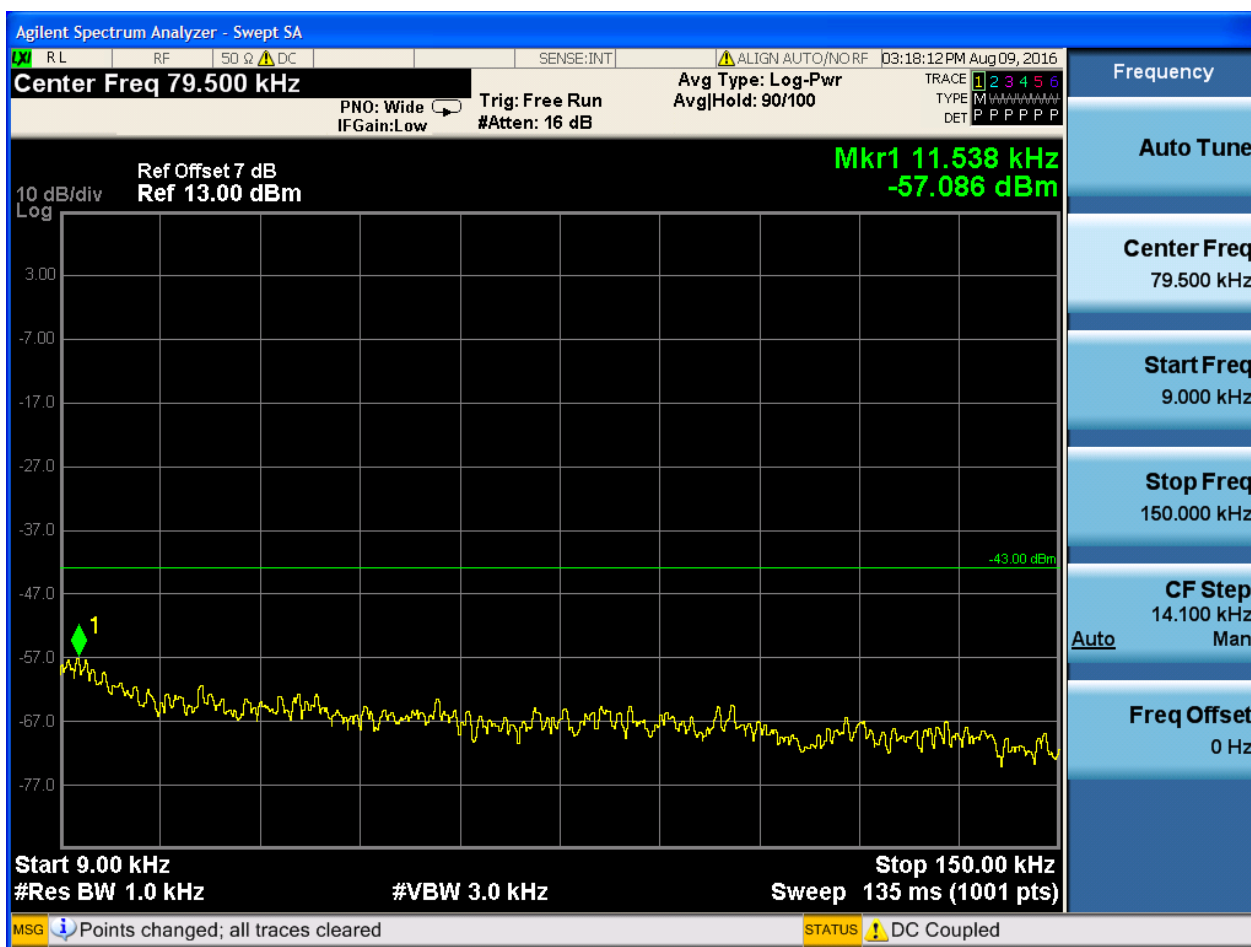


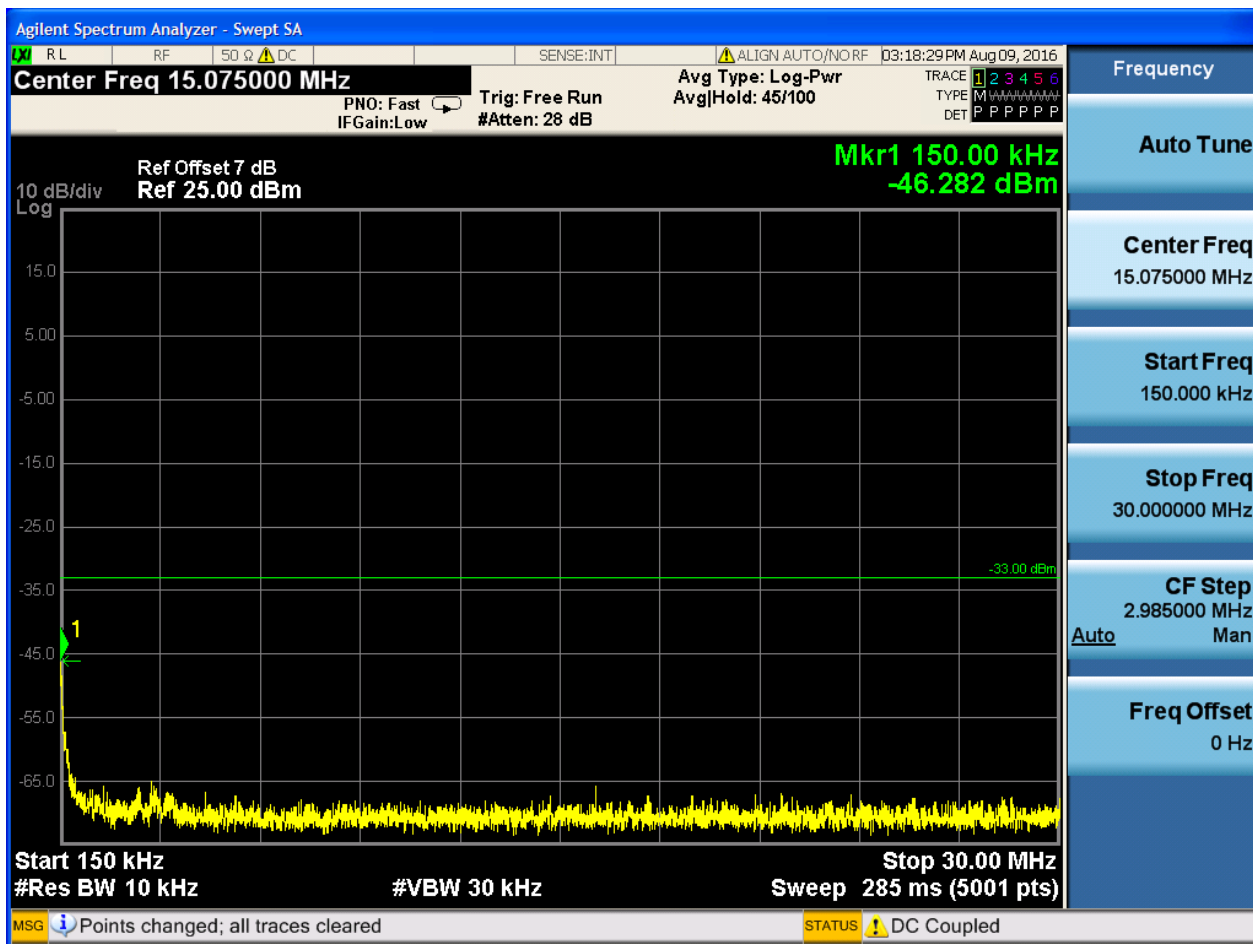


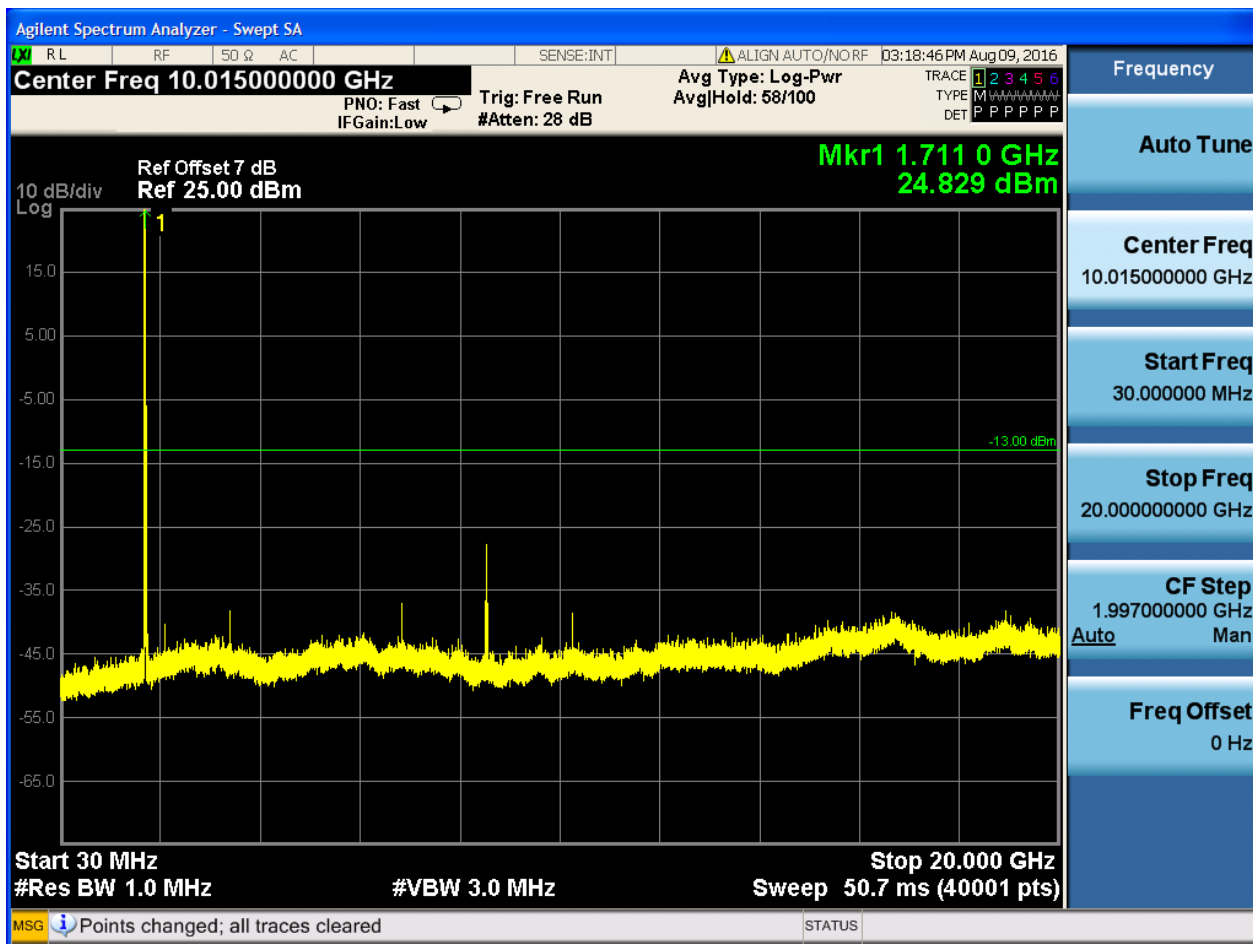
6.1.2.2.5 Test Bandwidth = 15

6.1.2.2.5.1 Test Channel = LCH

6.1.2.2.5.1.1 Test RB = RB1#0



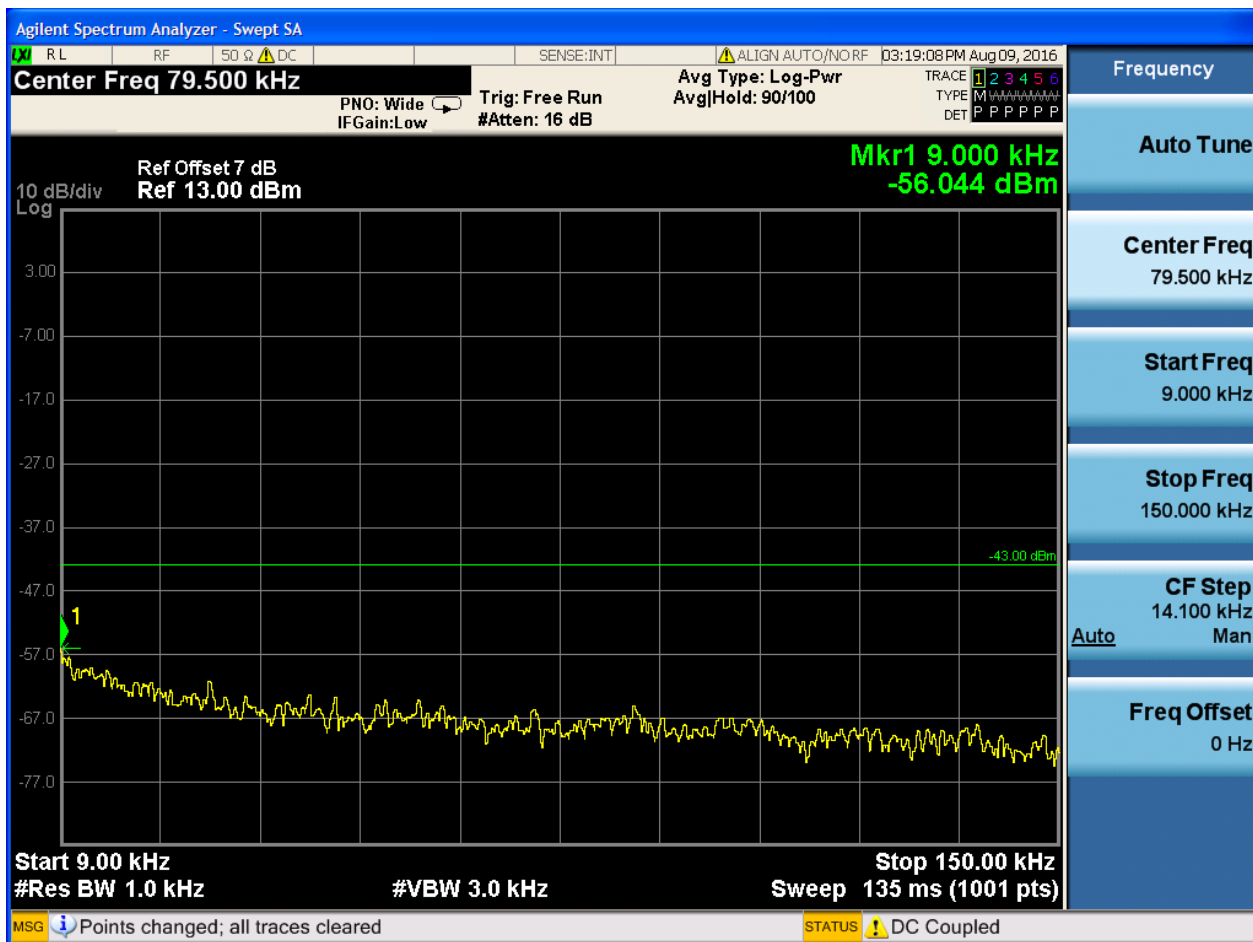


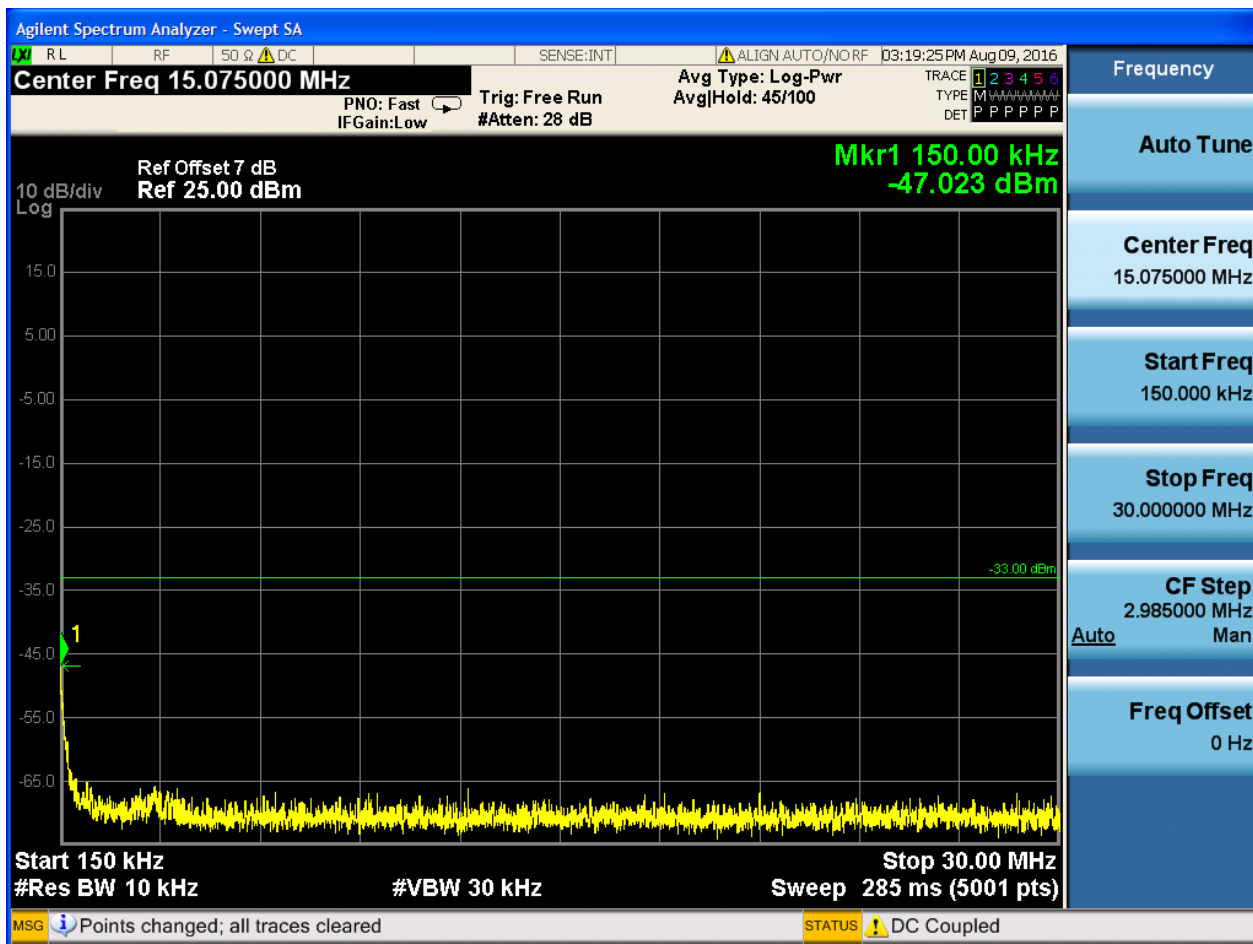


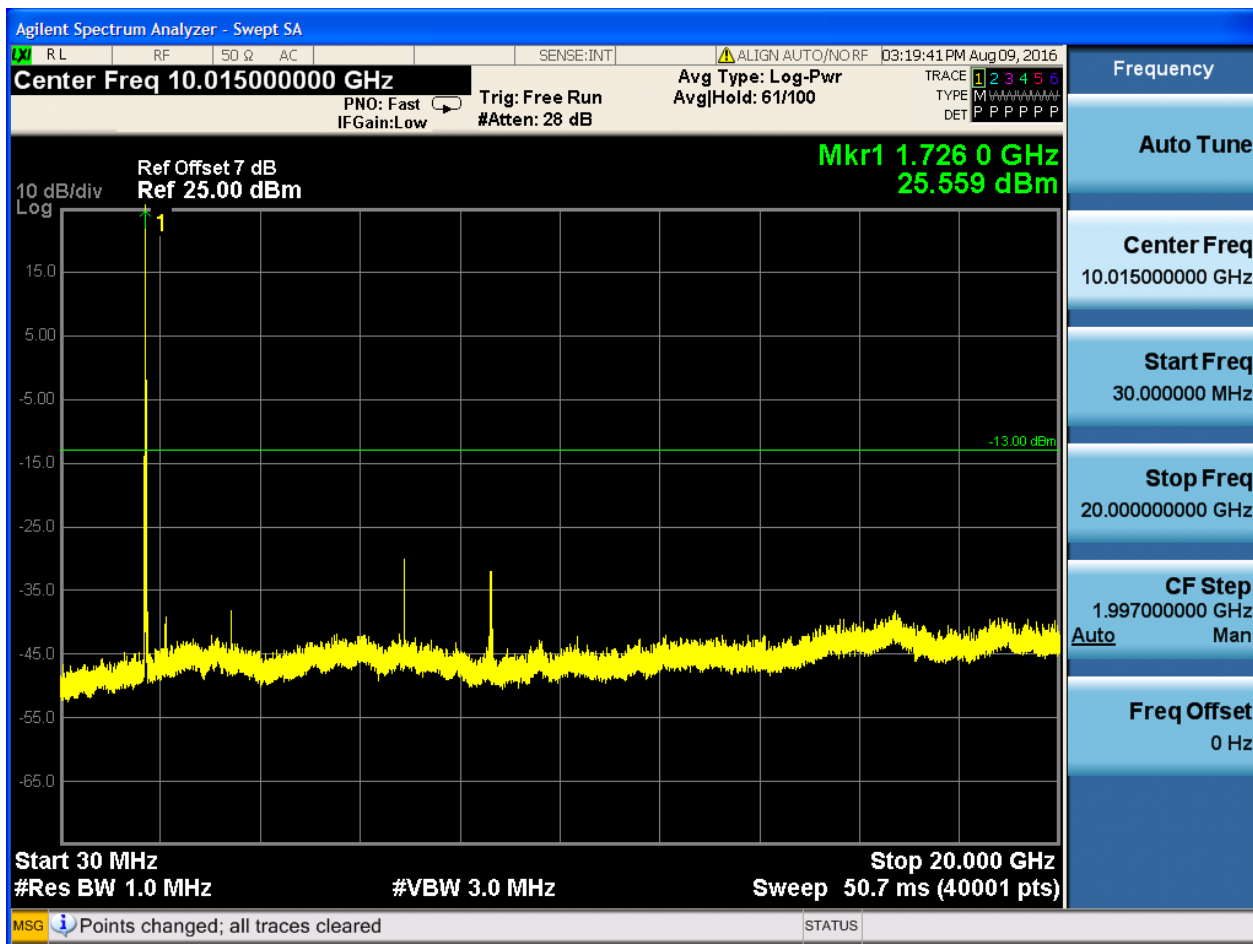


6.1.2.2.5.2 Test Channel = MCH

6.1.2.2.5.2.1 Test RB = RB1#0



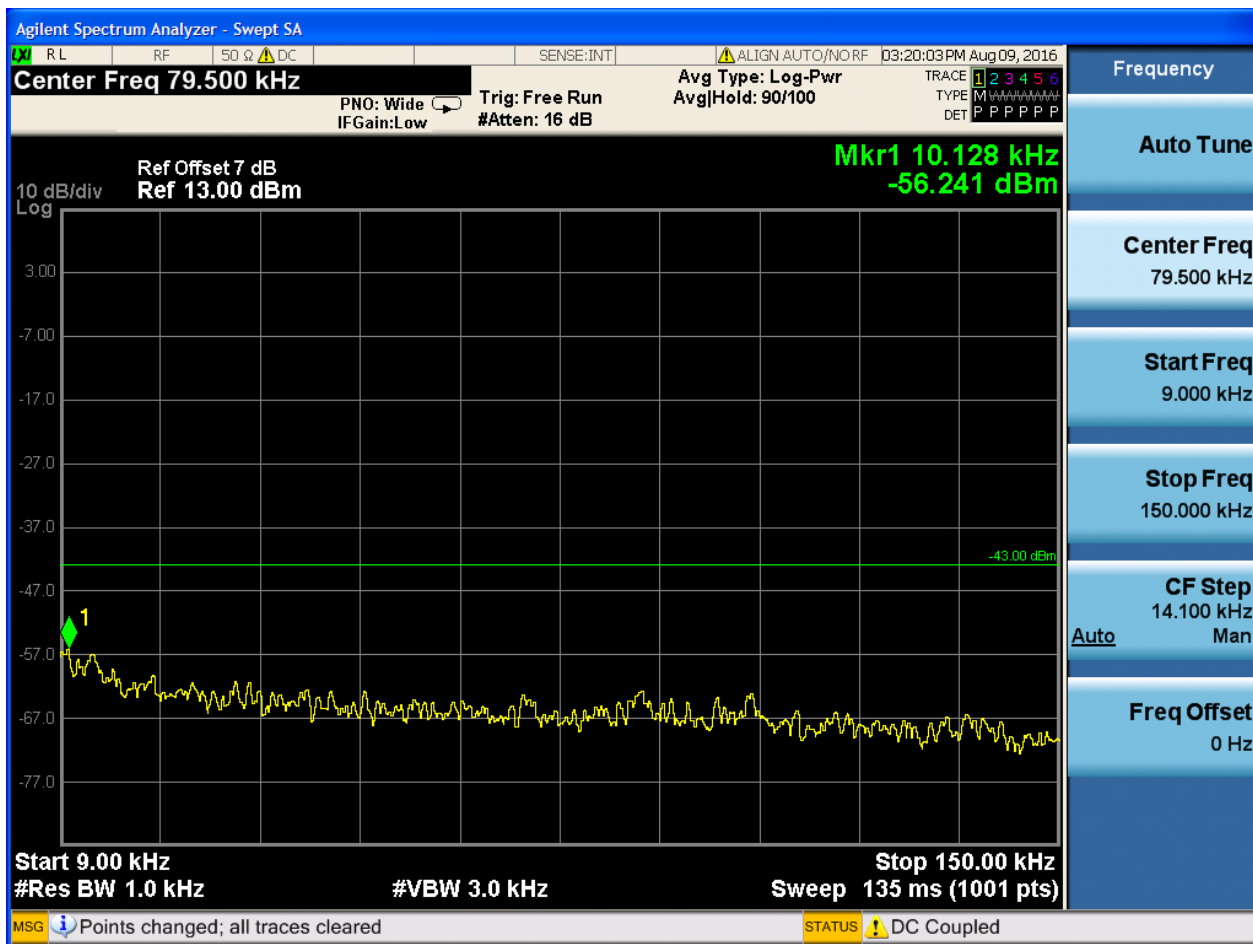


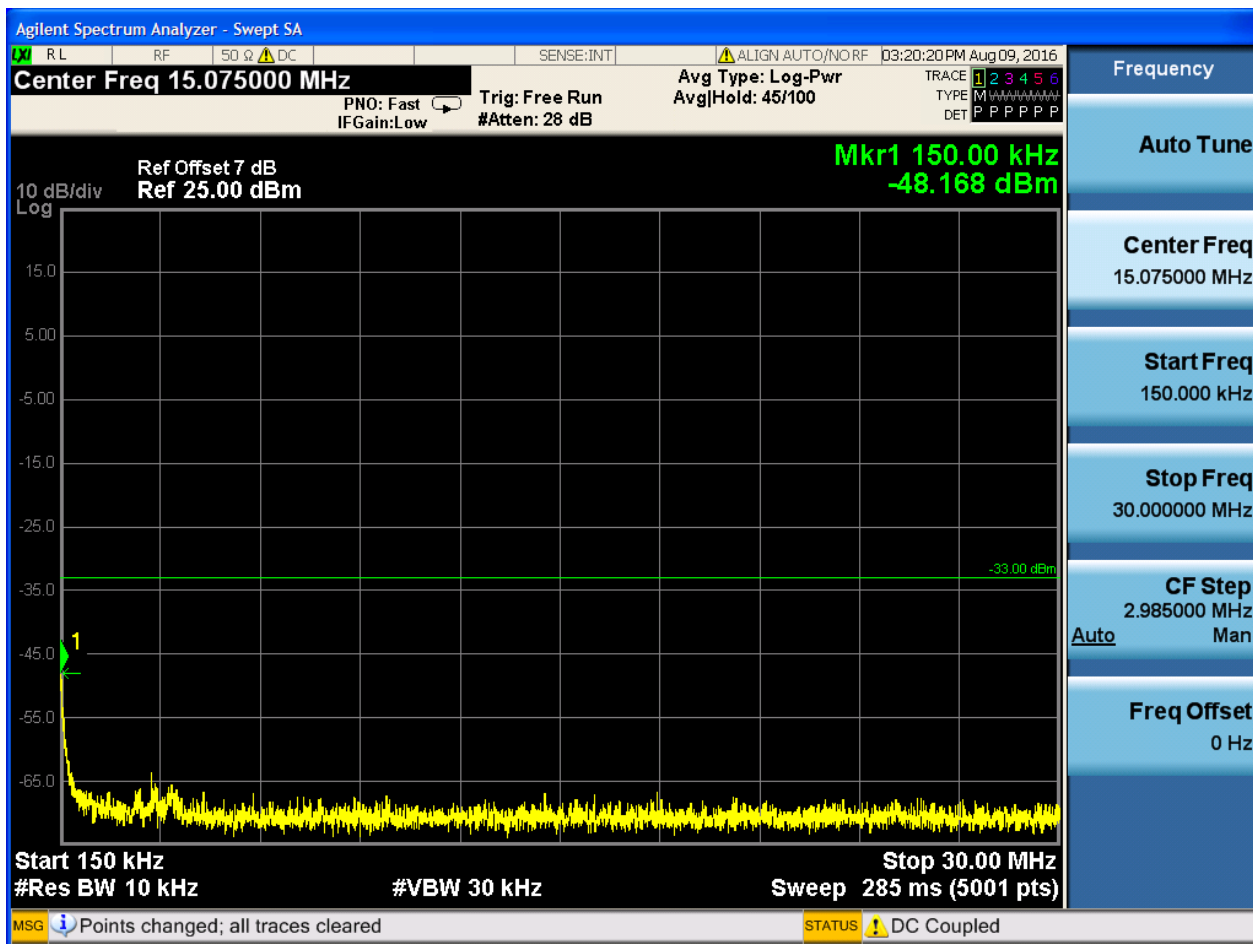


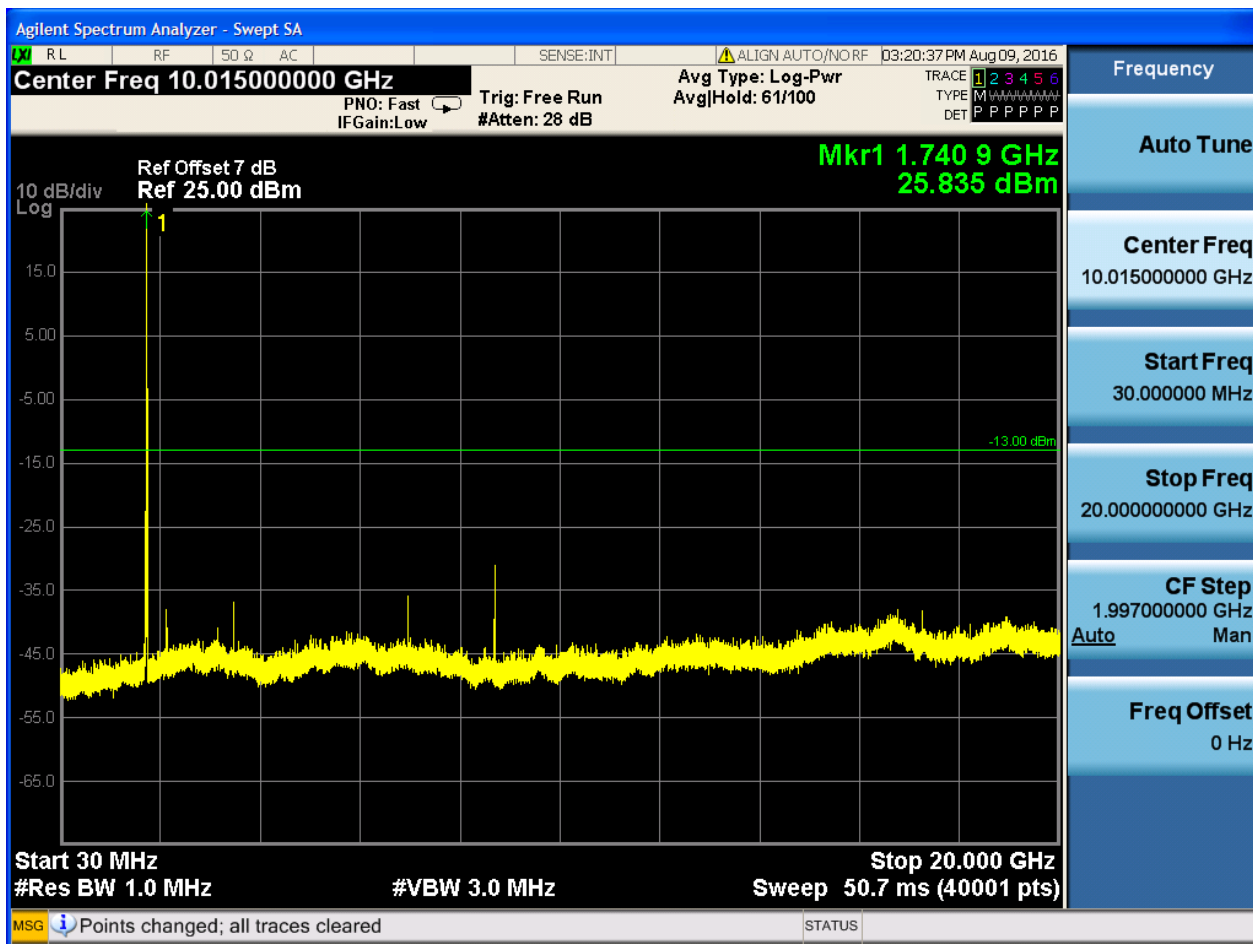


6.1.2.2.5.3 Test Channel = HCH

6.1.2.2.5.3.1 Test RB = RB1#0





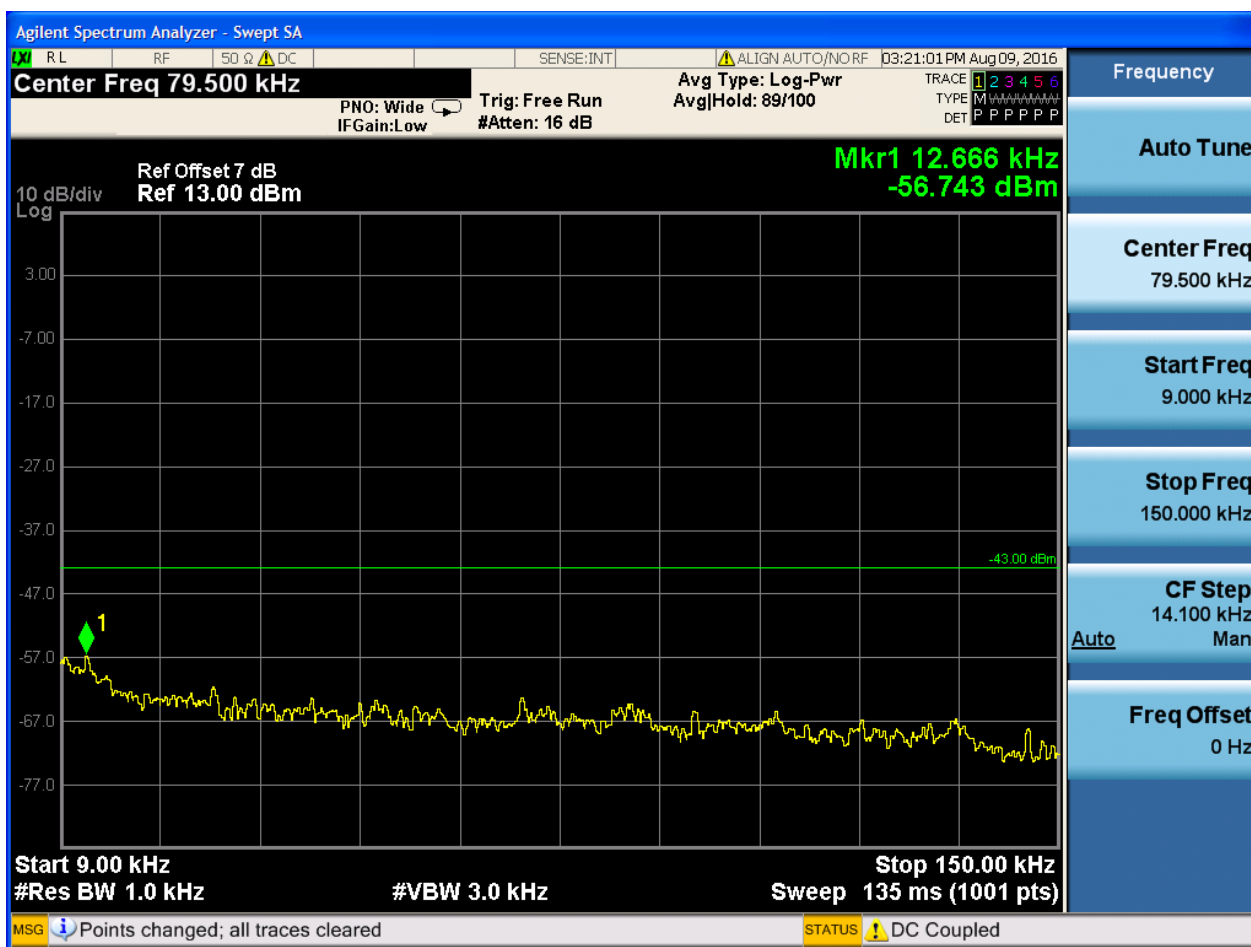


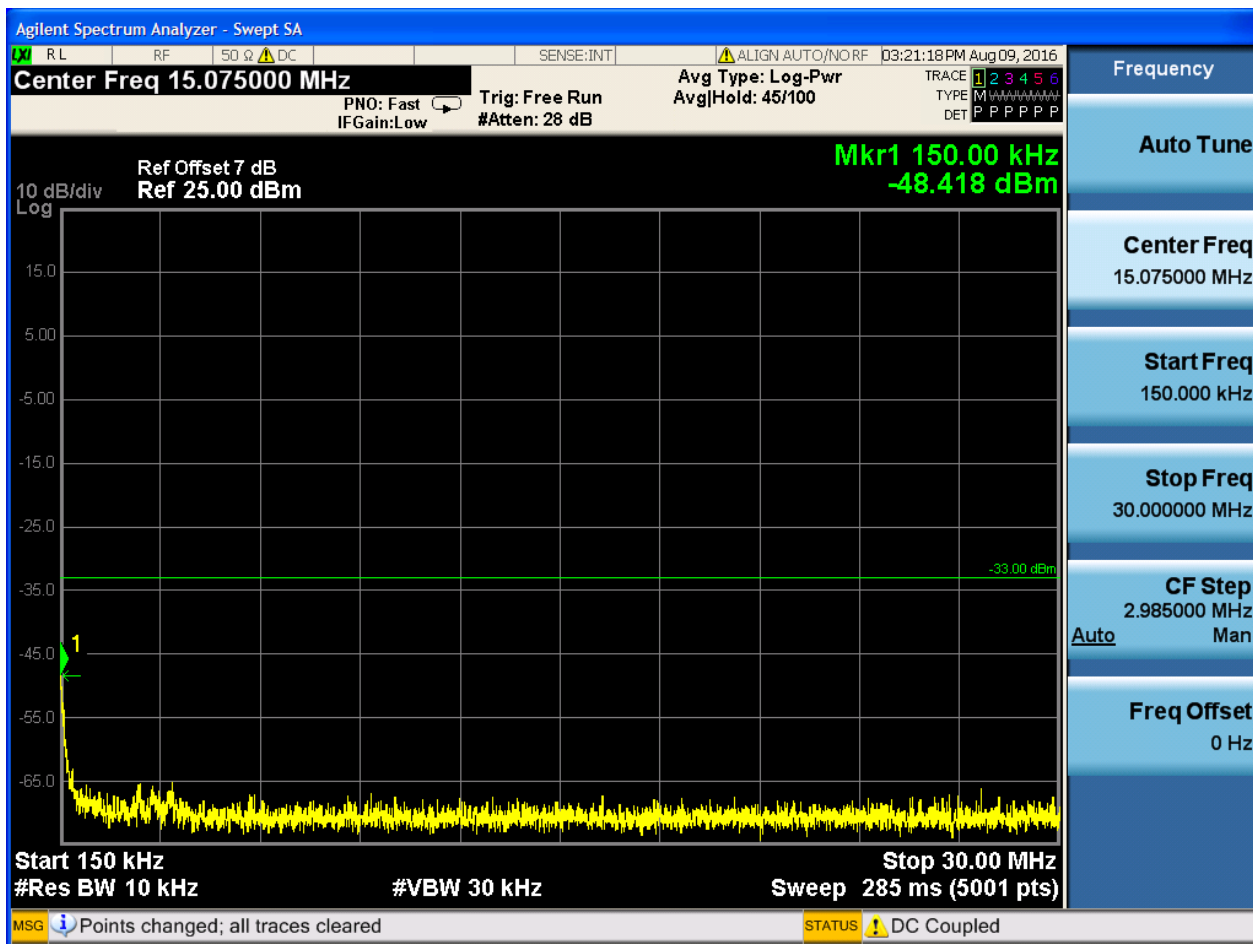


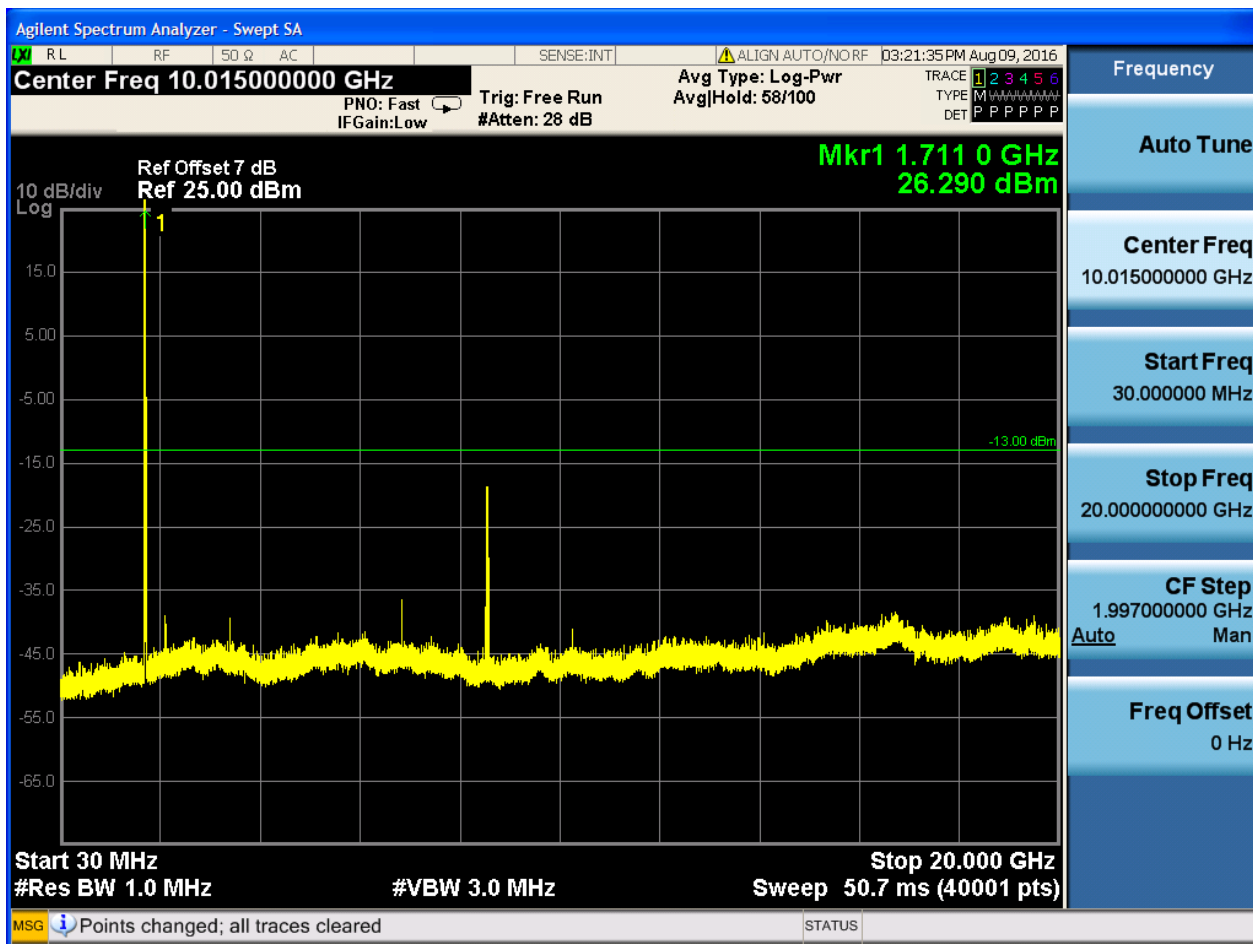
6.1.2.2.6 Test Bandwidth = 20

6.1.2.2.6.1 Test Channel = LCH

6.1.2.2.6.1.1 Test RB = RB1#0



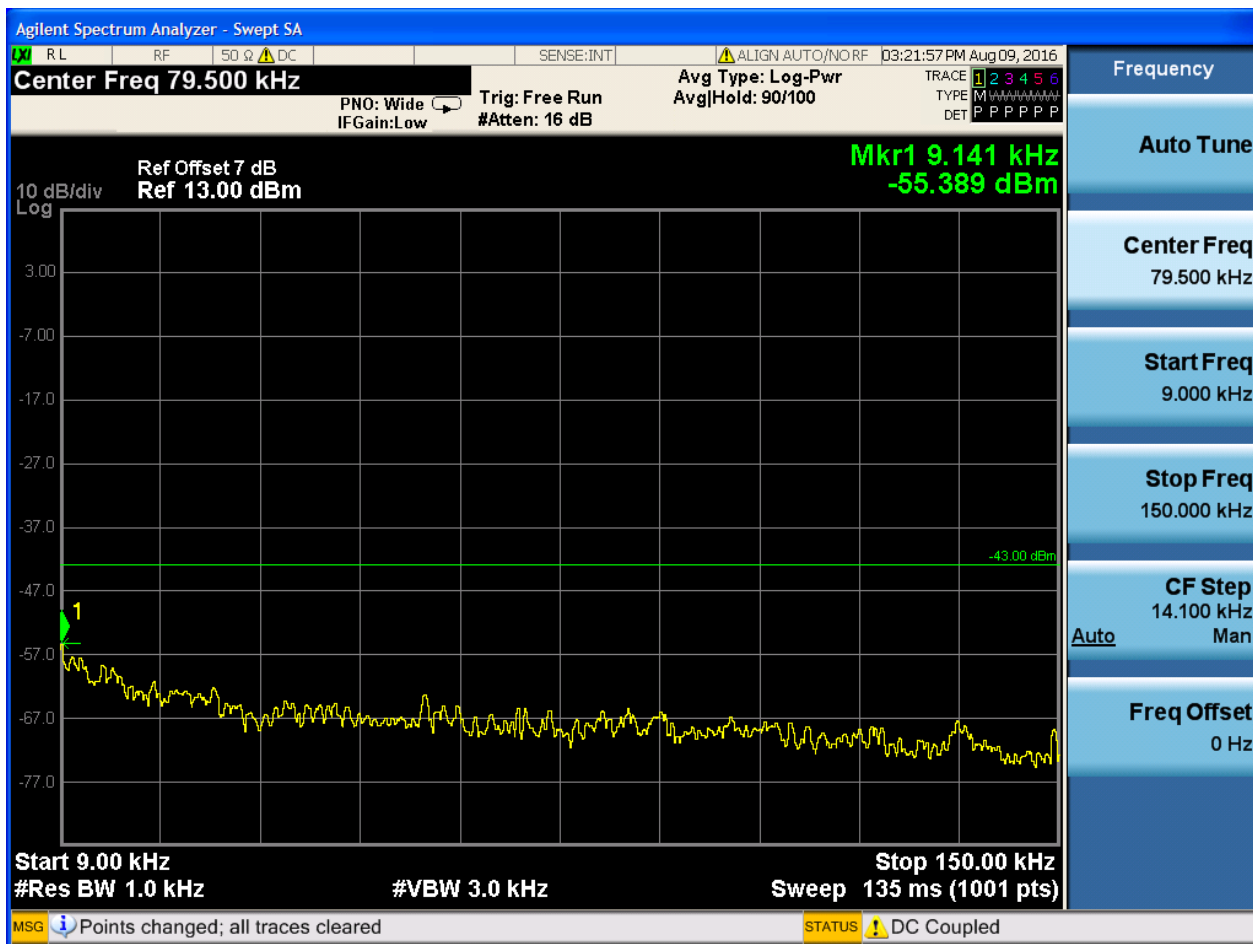


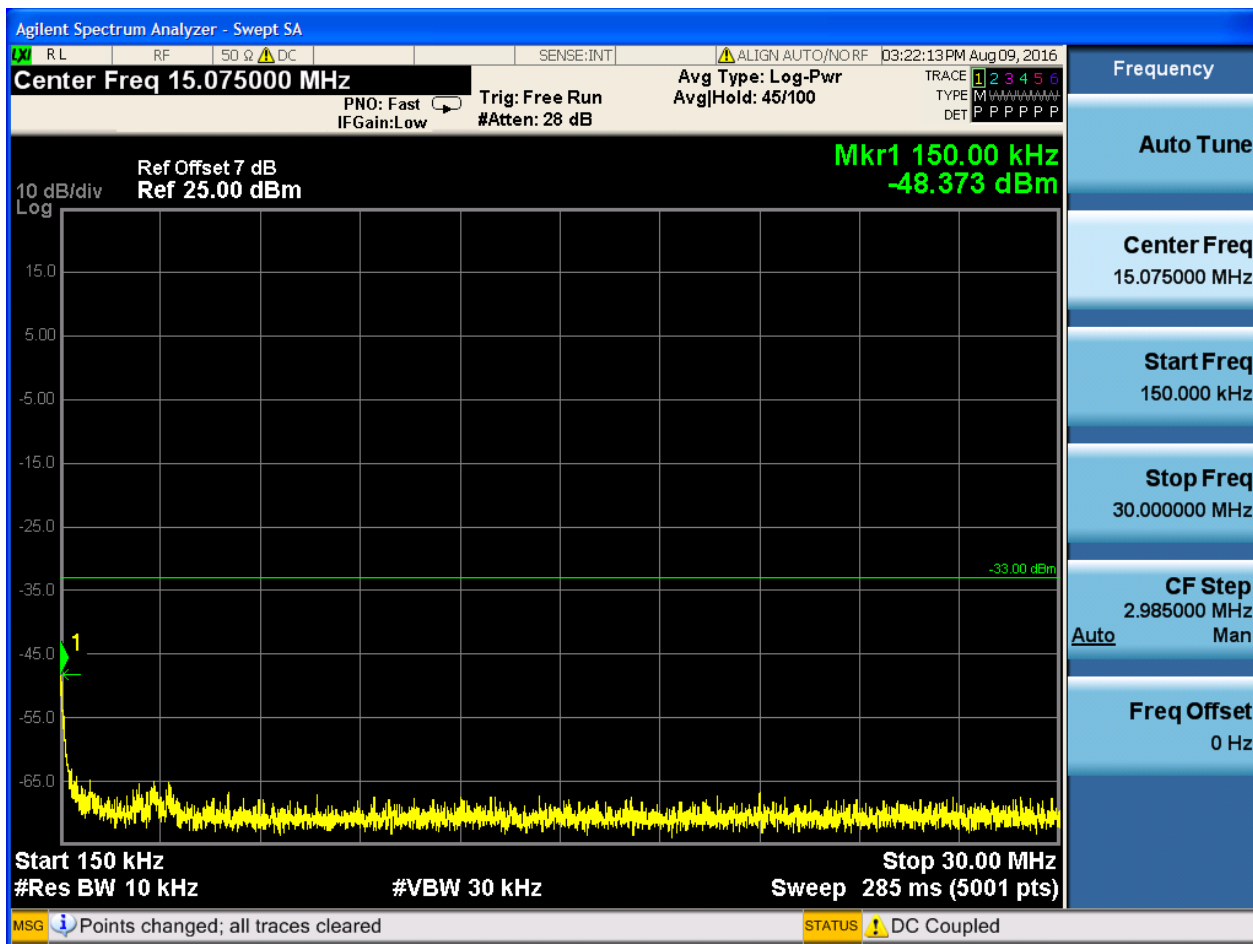


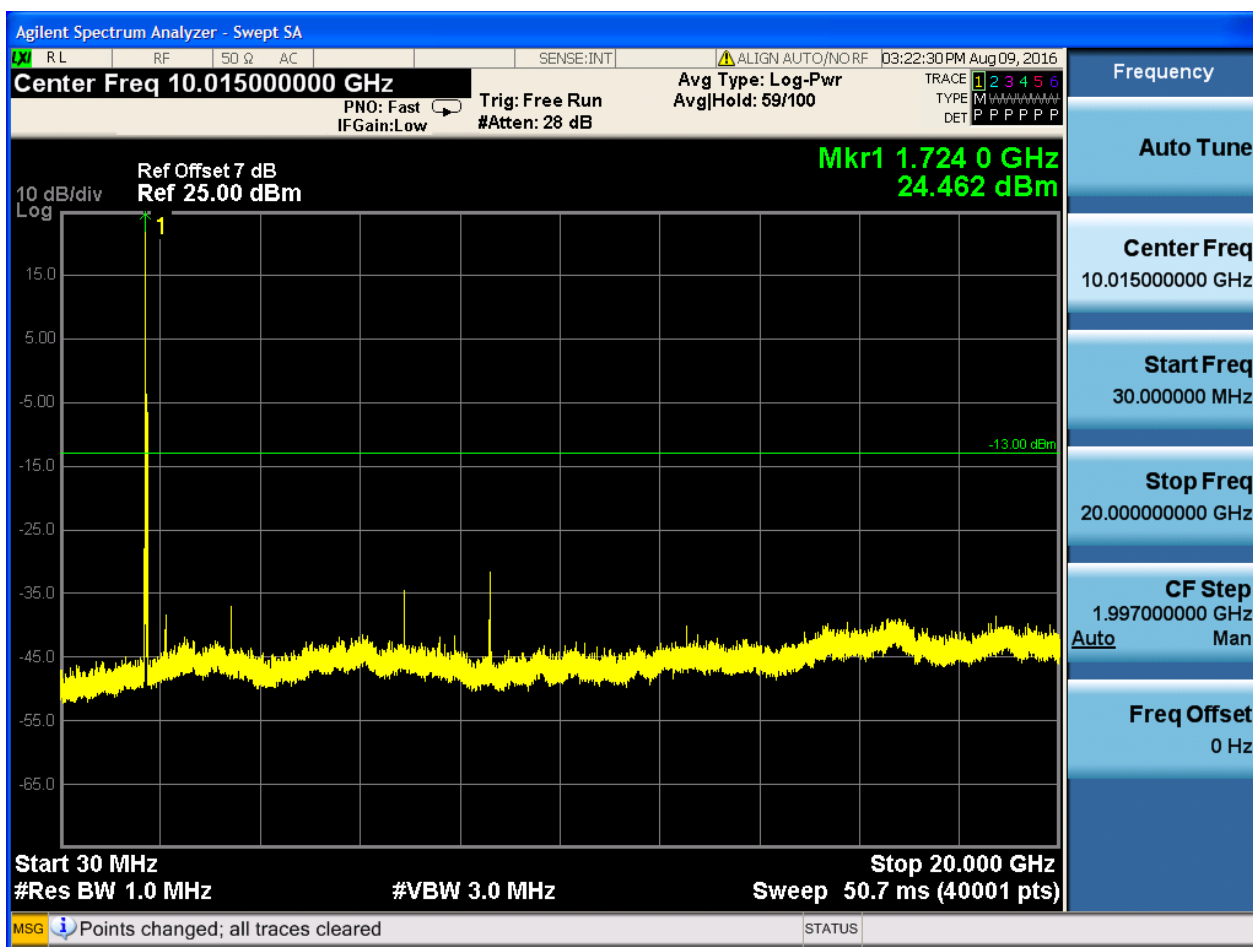


6.1.2.2.6.2 Test Channel = MCH

6.1.2.2.6.2.1 Test RB = RB1#0



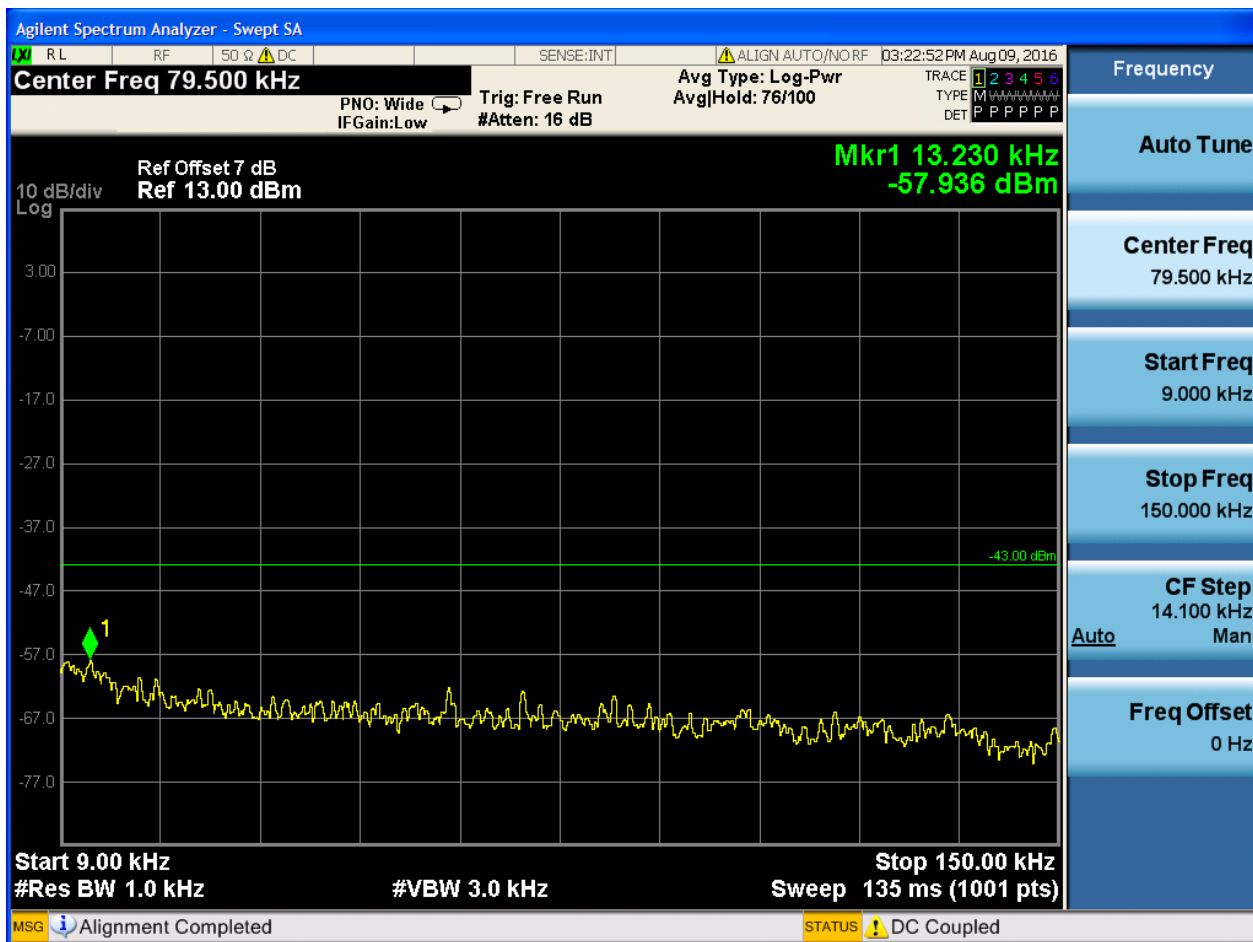


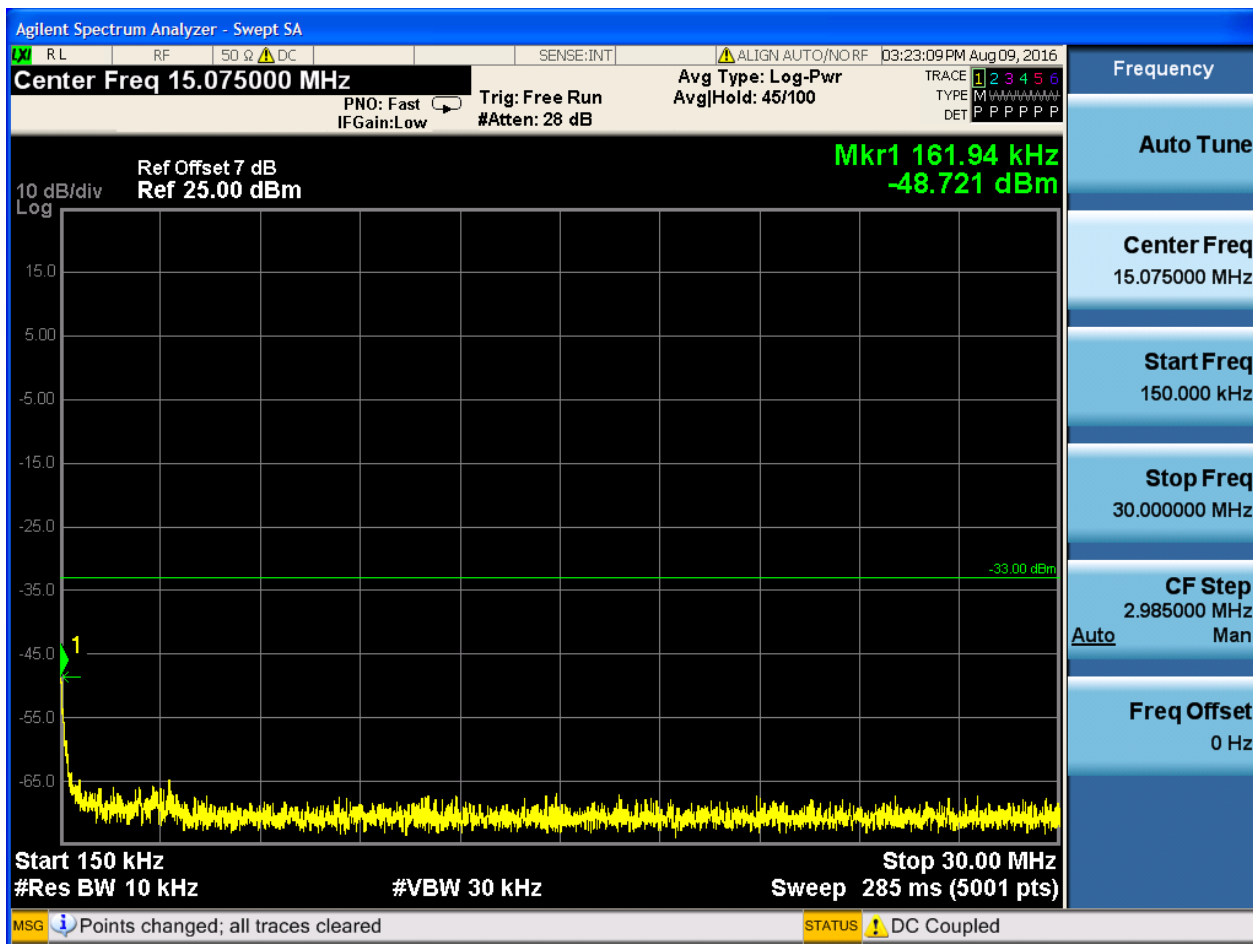


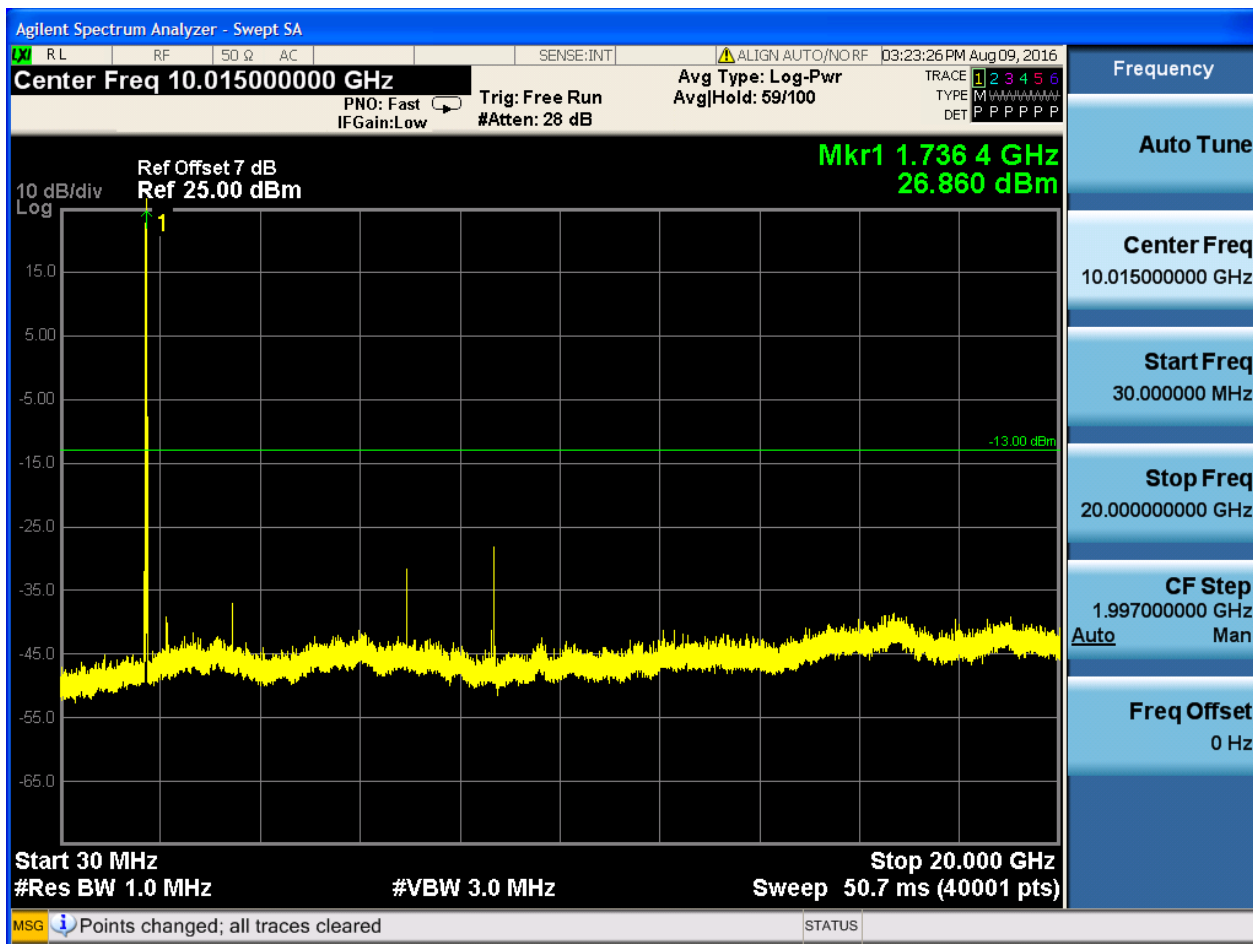


6.1.2.2.6.3 Test Channel = HCH

6.1.2.2.6.3.1 Test RB = RB1#0







7Appendix_G: Field Strength of Spurious Radiation

Note: We tested all modes, but the data presented below is the worst case.

9kHz~150kHz, VBW = 200Hz, VBW = 600 Hz, Detector: PK

150kHz~30MHz, VBW = 9kHz, VBW = 30k Hz, Detector: PK

30MHz~1GHz, RBW = 100 kHz, VBW = 300 kHz. Detector: PK

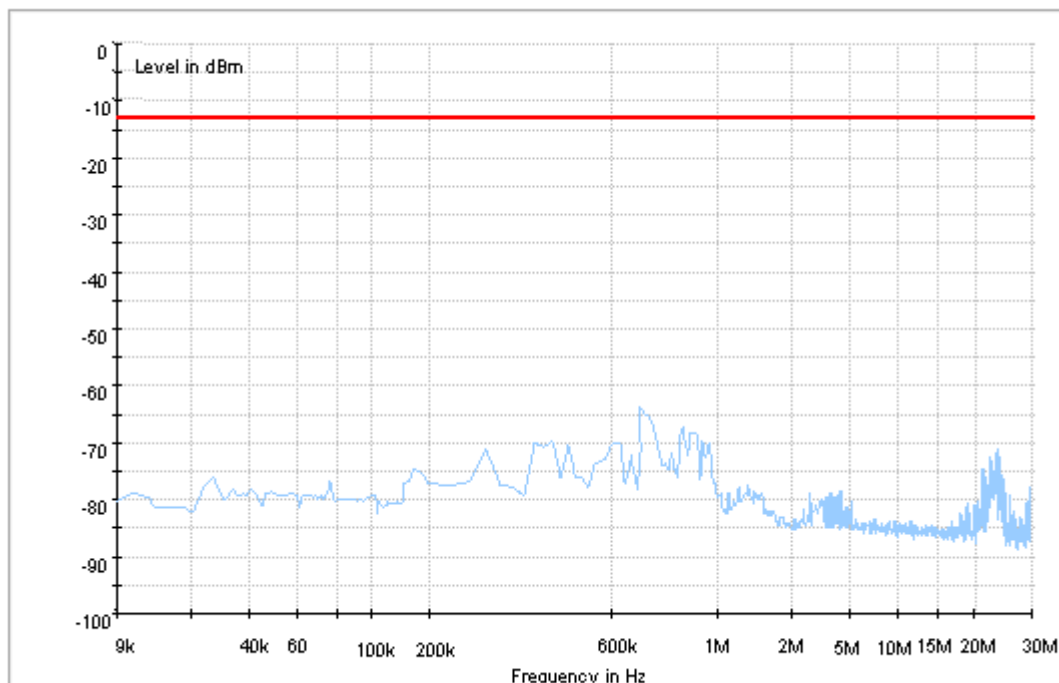
Above 1GHz, RBW = 1 MHz, VBW = 3 MHz. Detector: PK

Part I - Test Plots

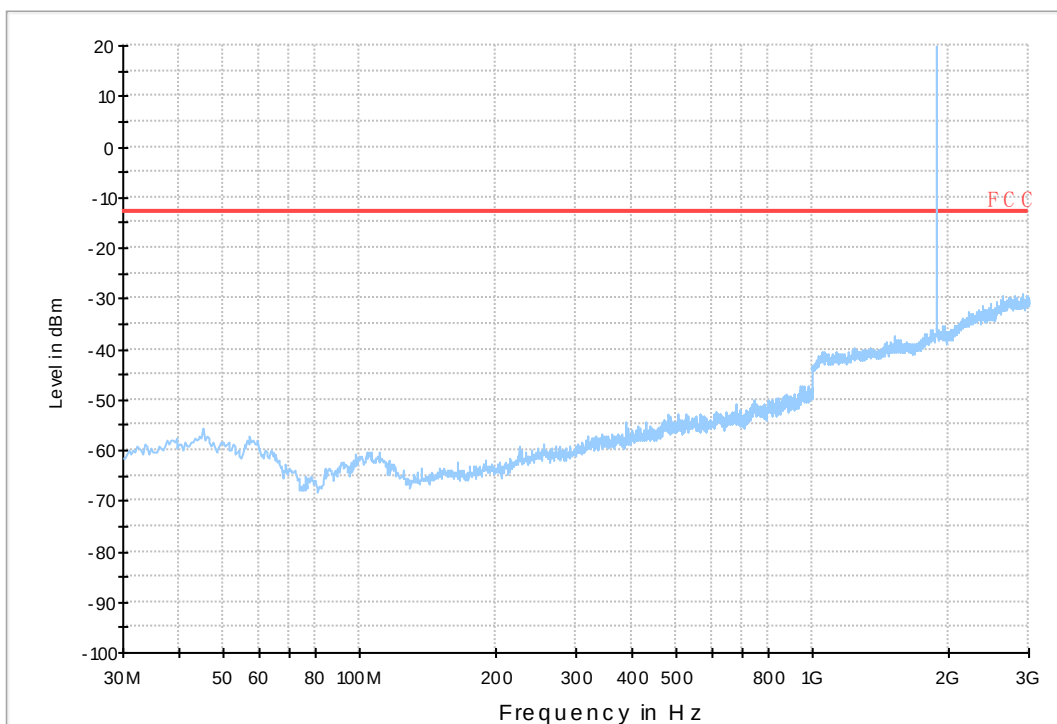
7.1 For LTE

7.1.1 Test Band = BAND2_Ant1

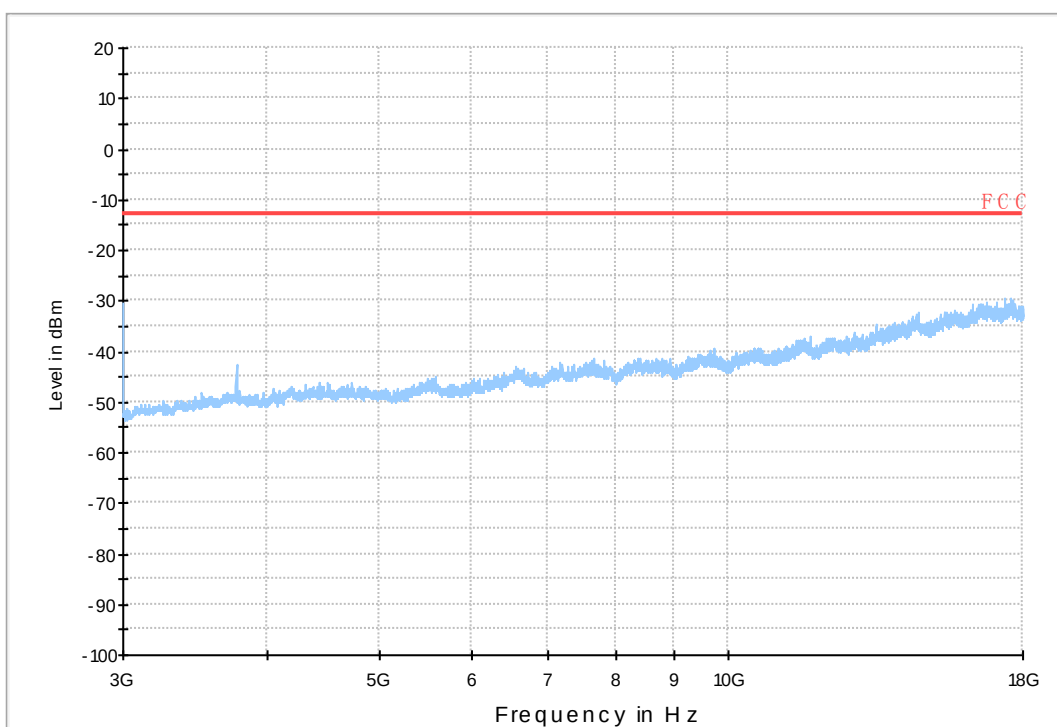
7.1.1.1 Test Bandwidth = 1.4

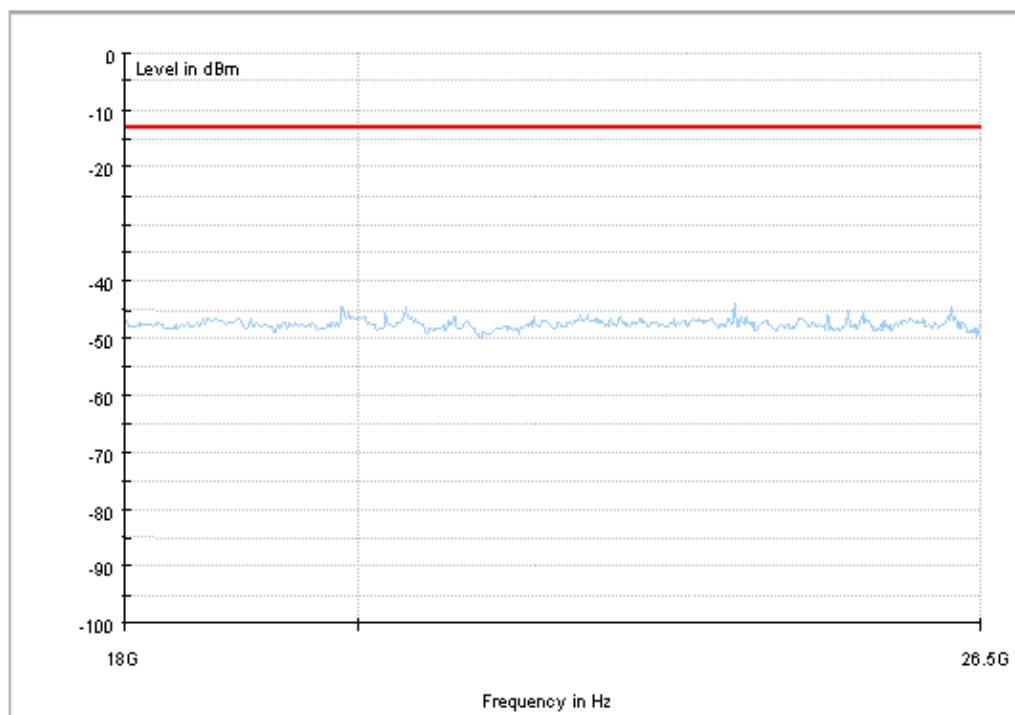


Copy of RSE-TX-DIRECTOR ABOVE 1.5G_L

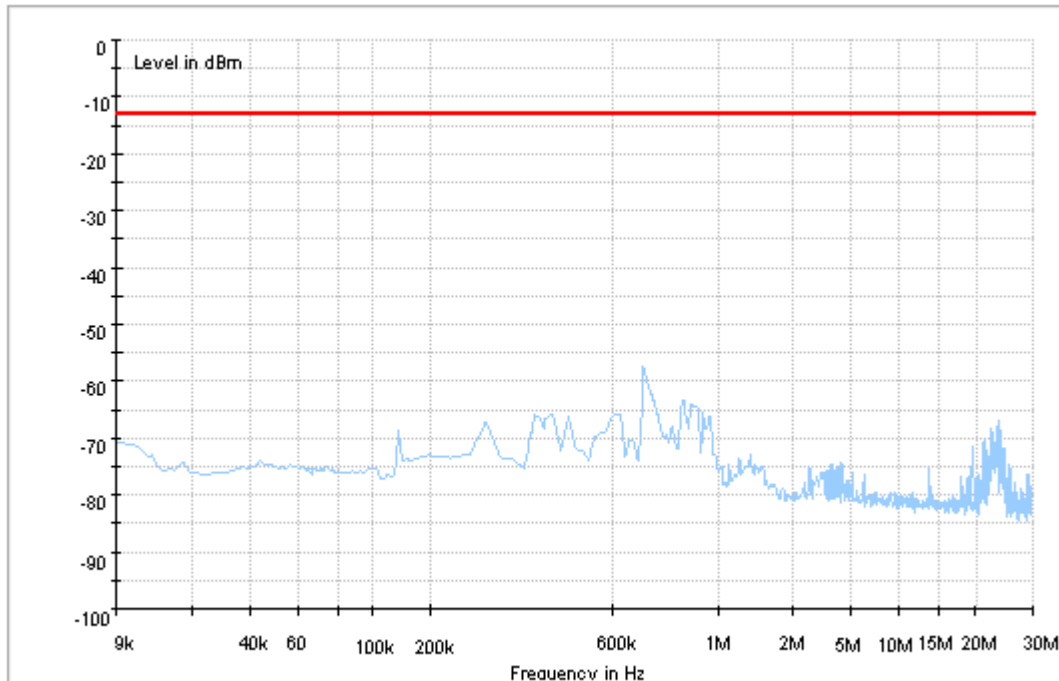


Copy of RSE-TX-DIRECTOR ABOVE 1.5G_H

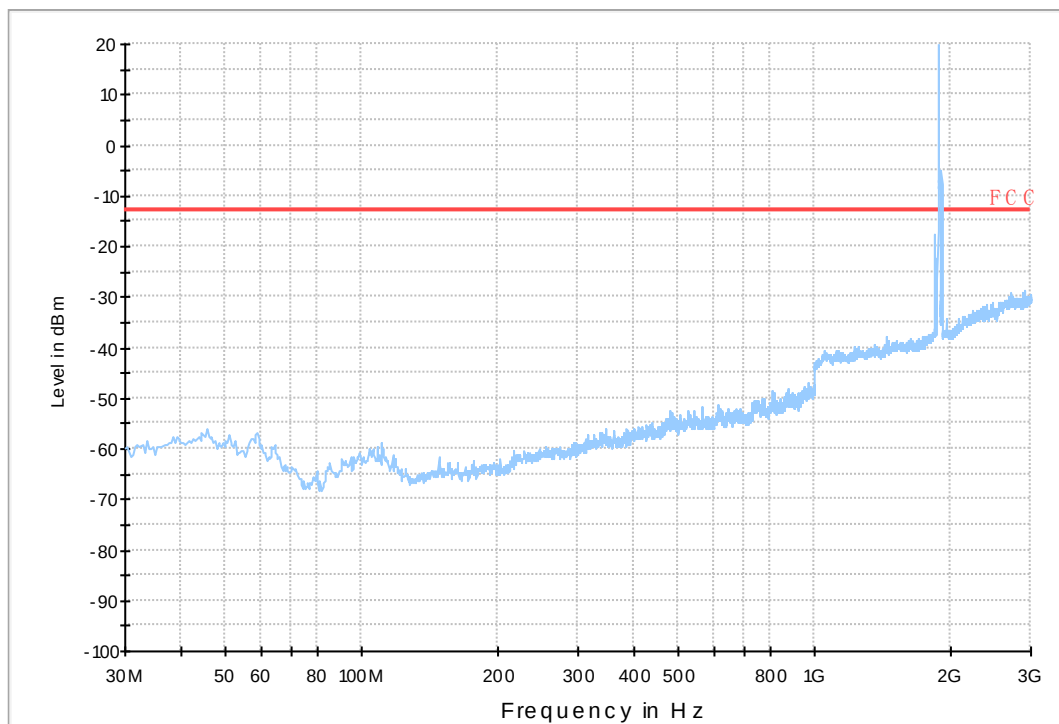




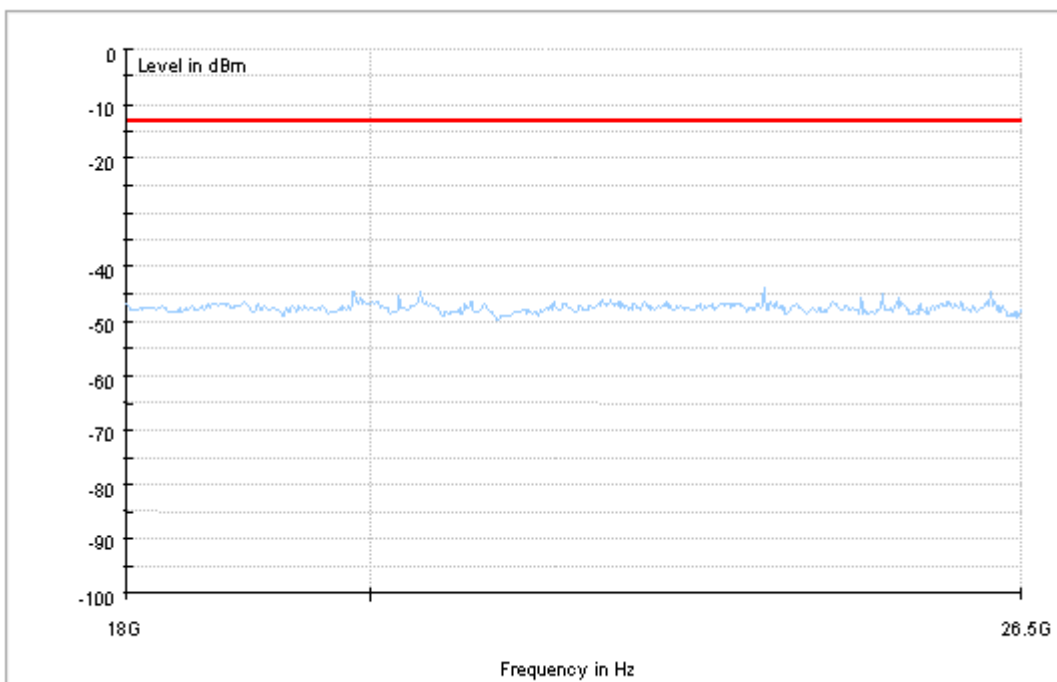
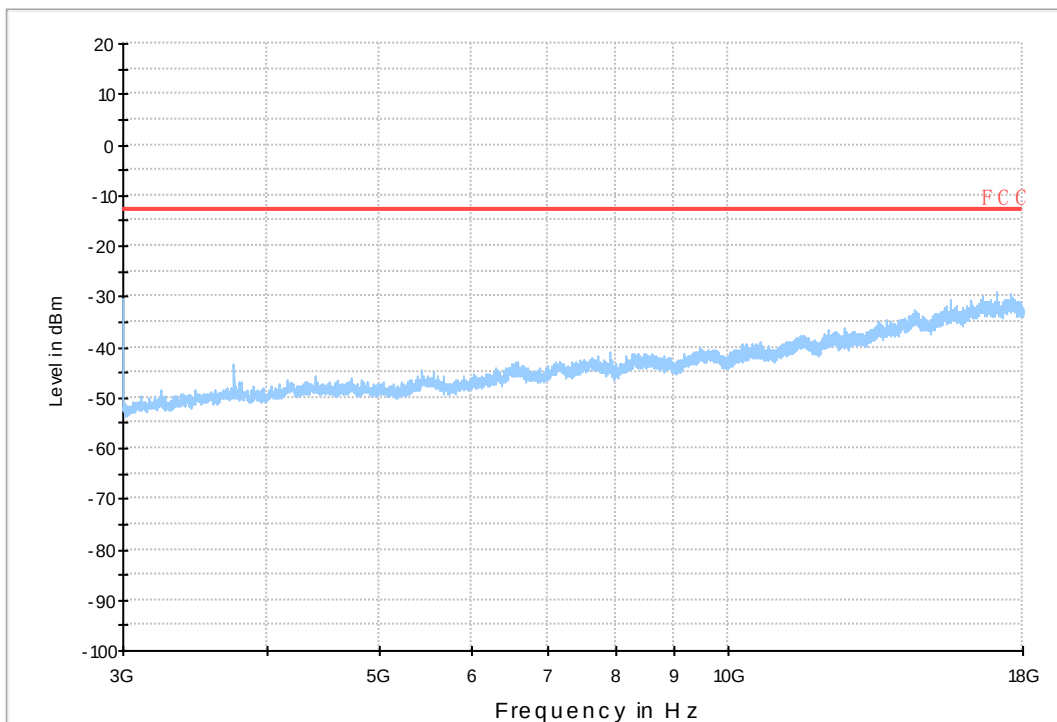
7.1.1.2 Test Bandwidth = 20



Copy of RSE-TX-DIRECTOR ABOVE 1.5G_L

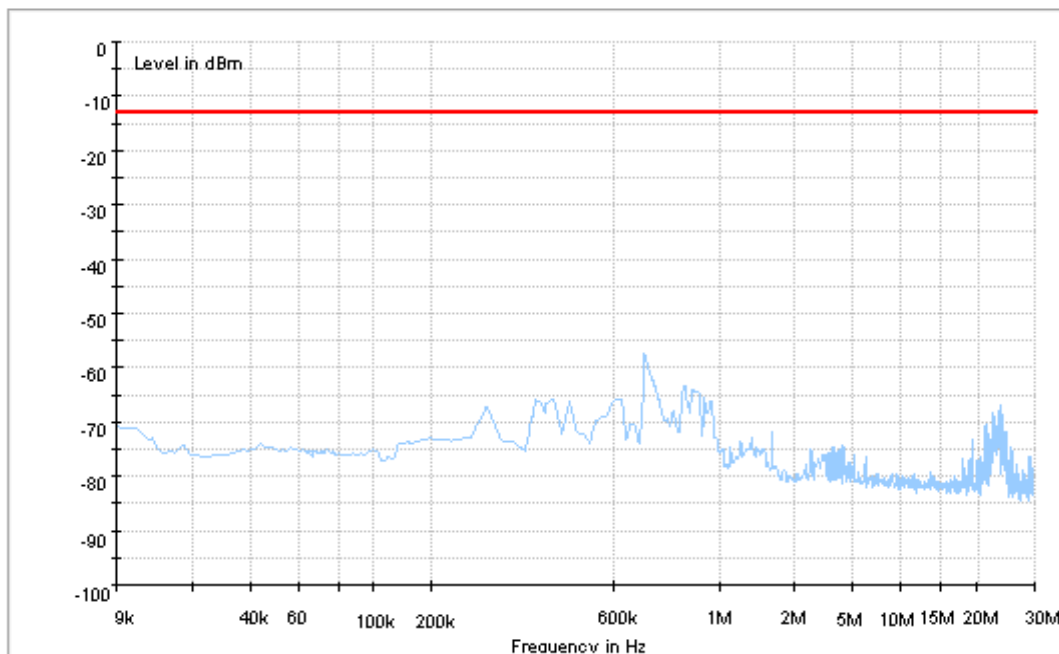


Copy of RSE-TX-DIRECTOR ABOVE 1.5G_H

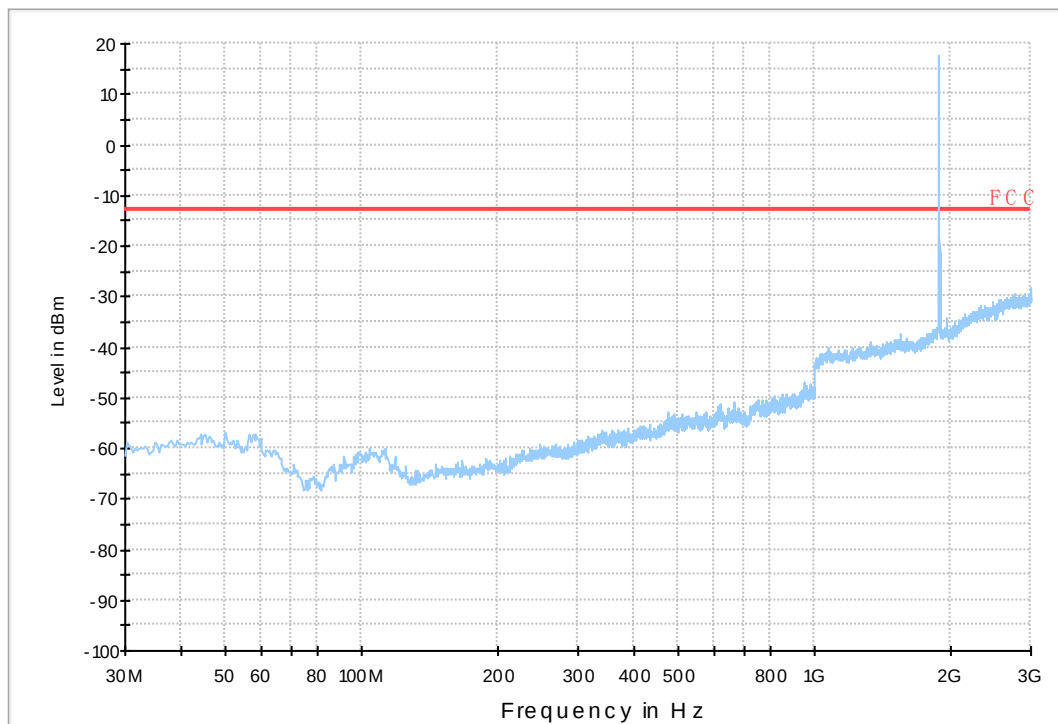


7.1.2 Test Band = BAND2_Ant2

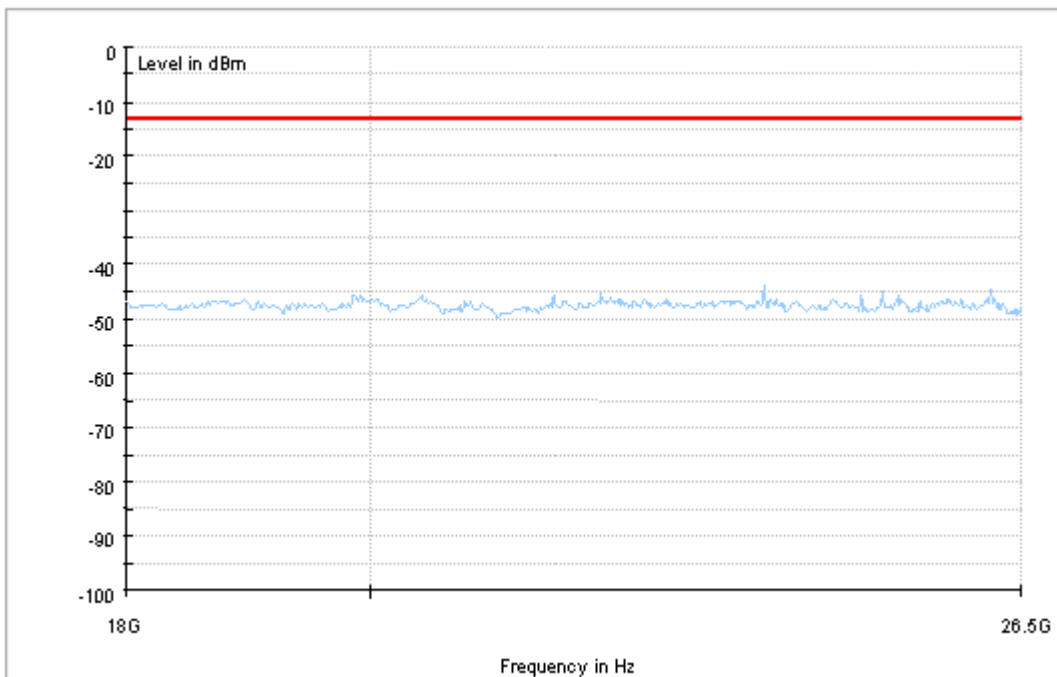
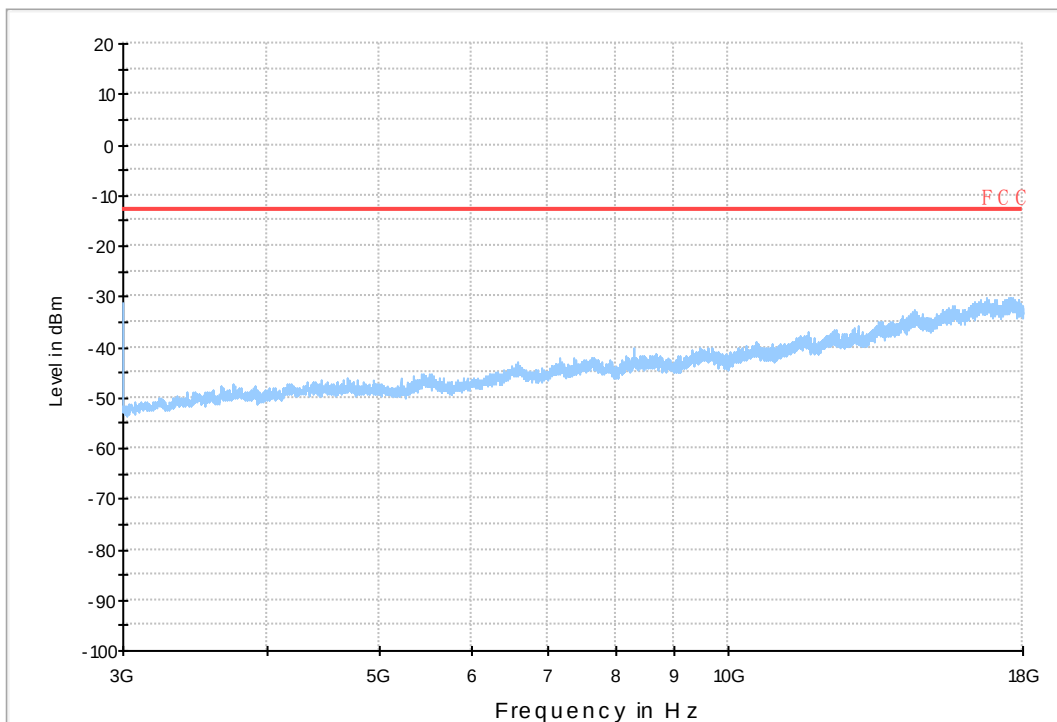
7.1.2.1 Test Bandwidth = 1.4



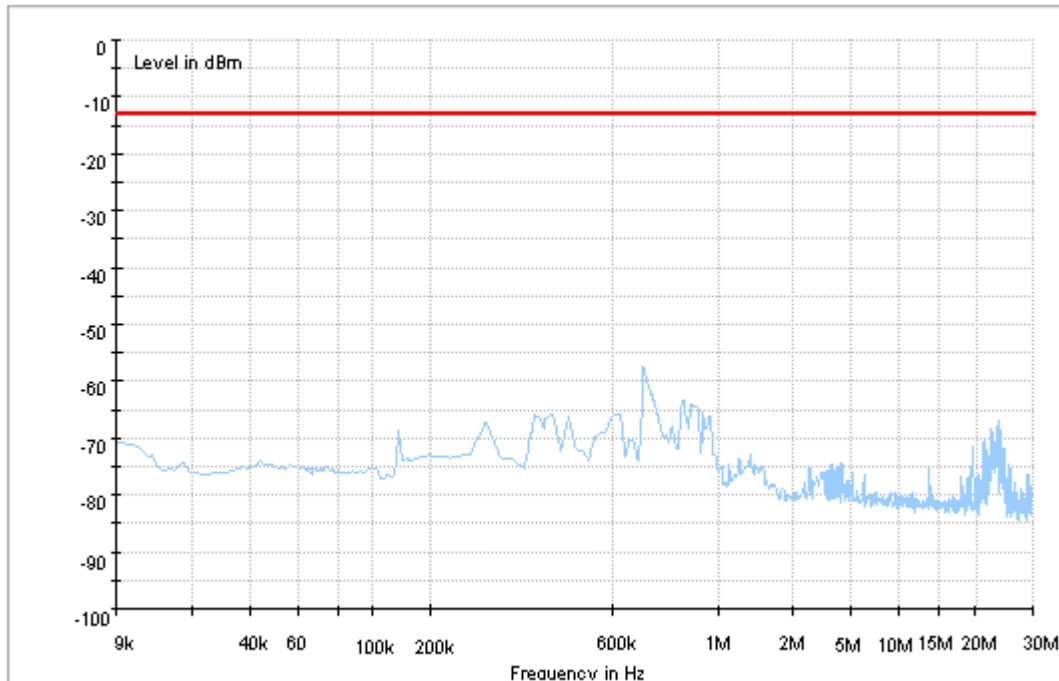
Copy of RSE-TX-DIRECTOR ABOVE 1.5G_L



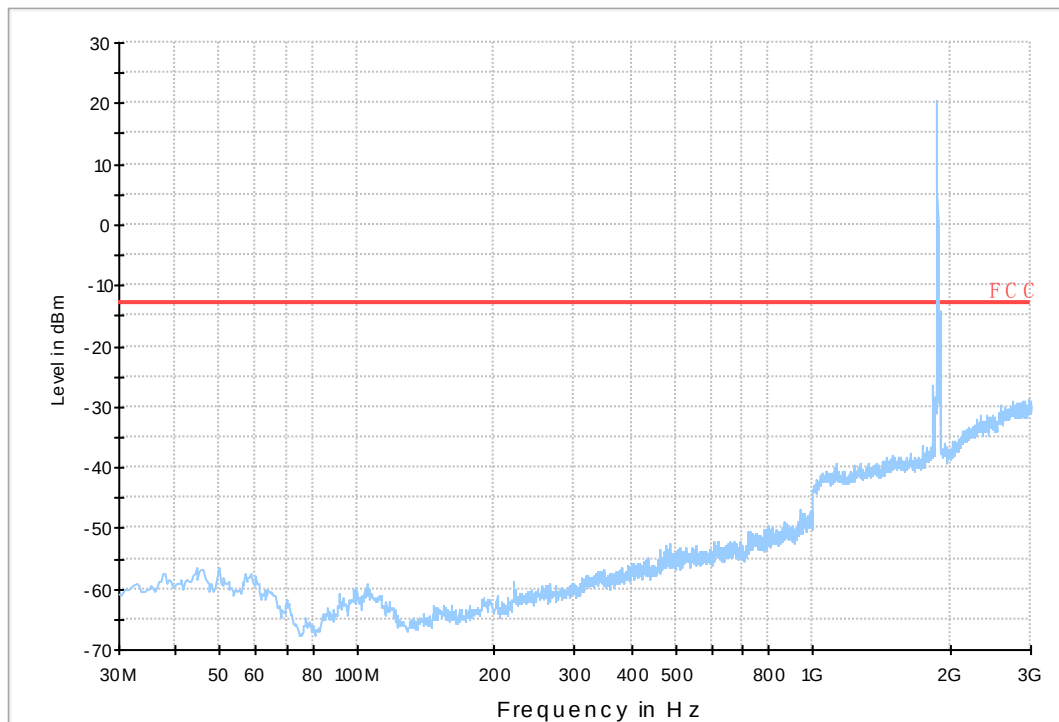
Copy of RSE-TX-DIRECTOR ABOVE 1.5G_H



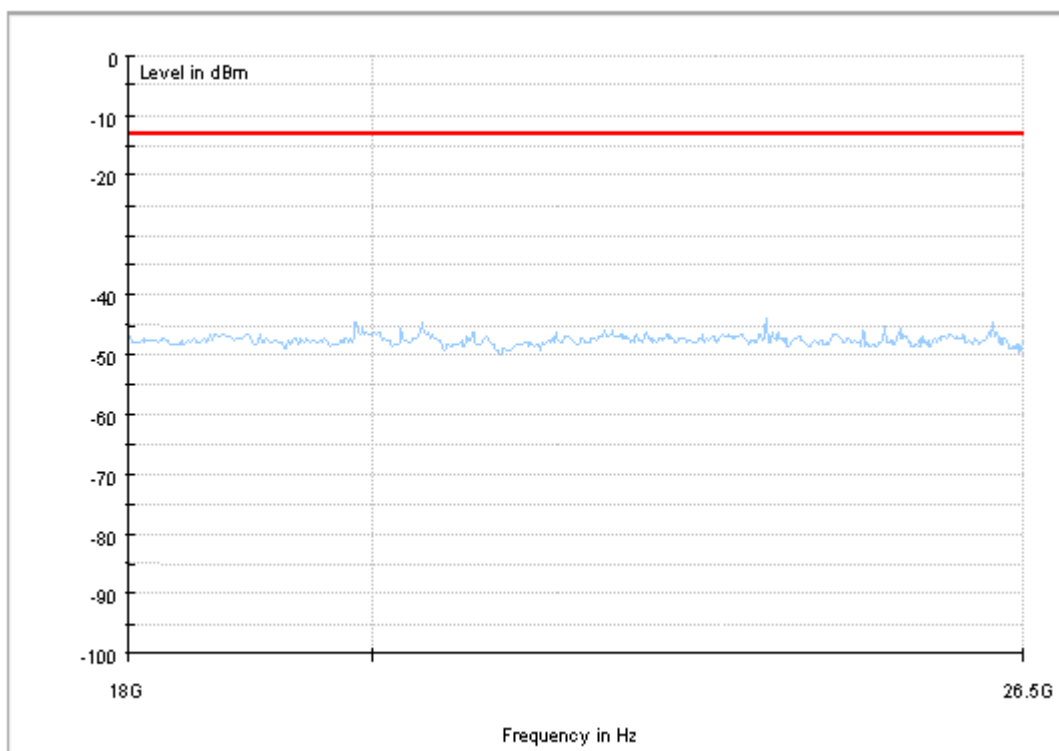
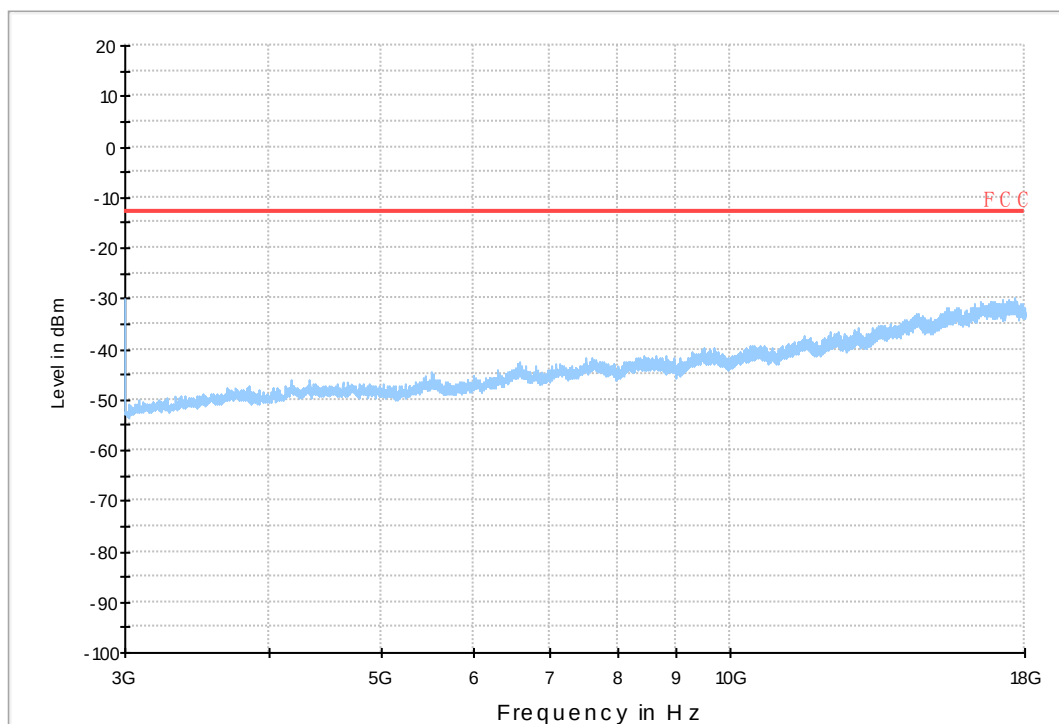
7.1.2.2 Test Bandwidth = 20



Copy of RSE-TX-DIRECTOR ABOVE 1.5G_L

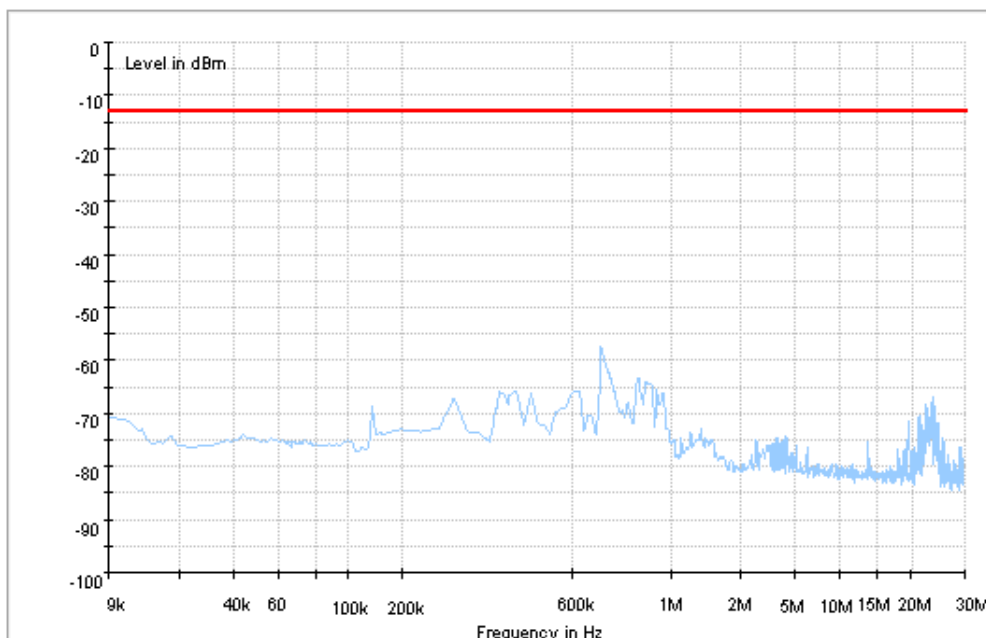


Copy of RSE-TX-DIRECTOR ABOVE 1.5G_H

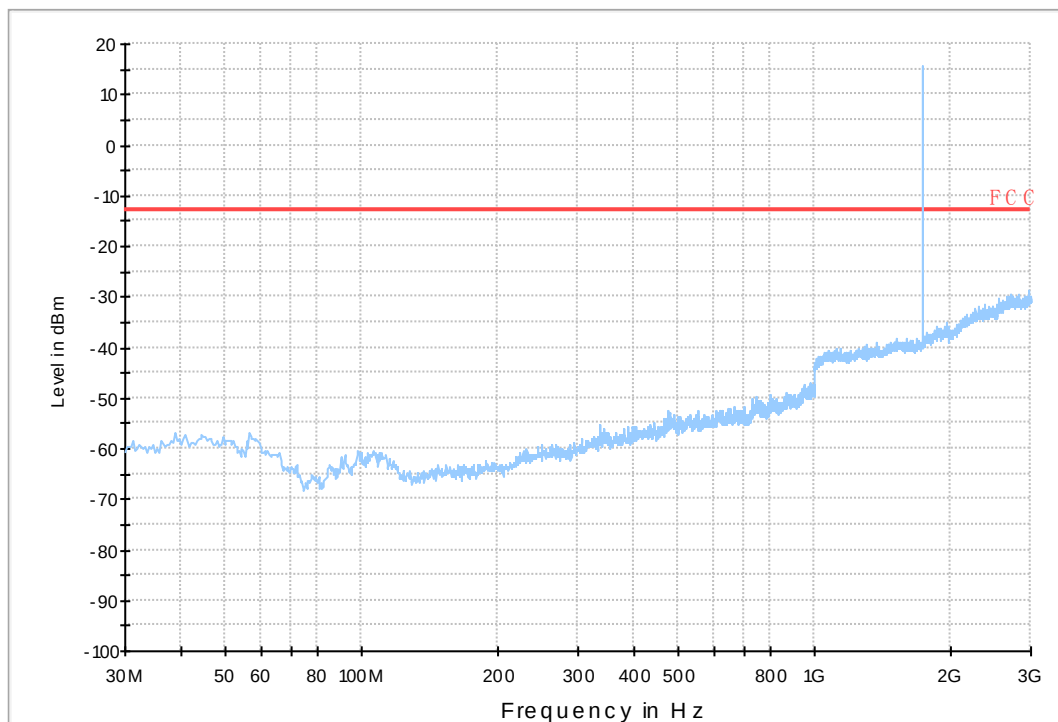


7.1.3 Test Band = BAND4_Ant1

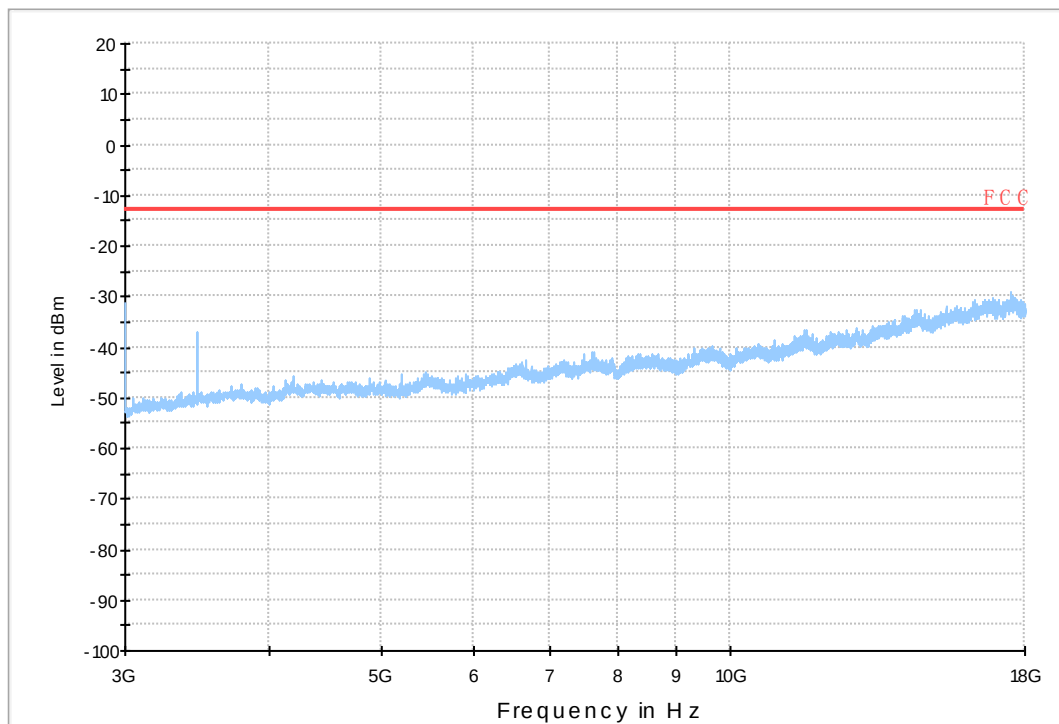
7.1.3.1 Test Bandwidth = 1.4



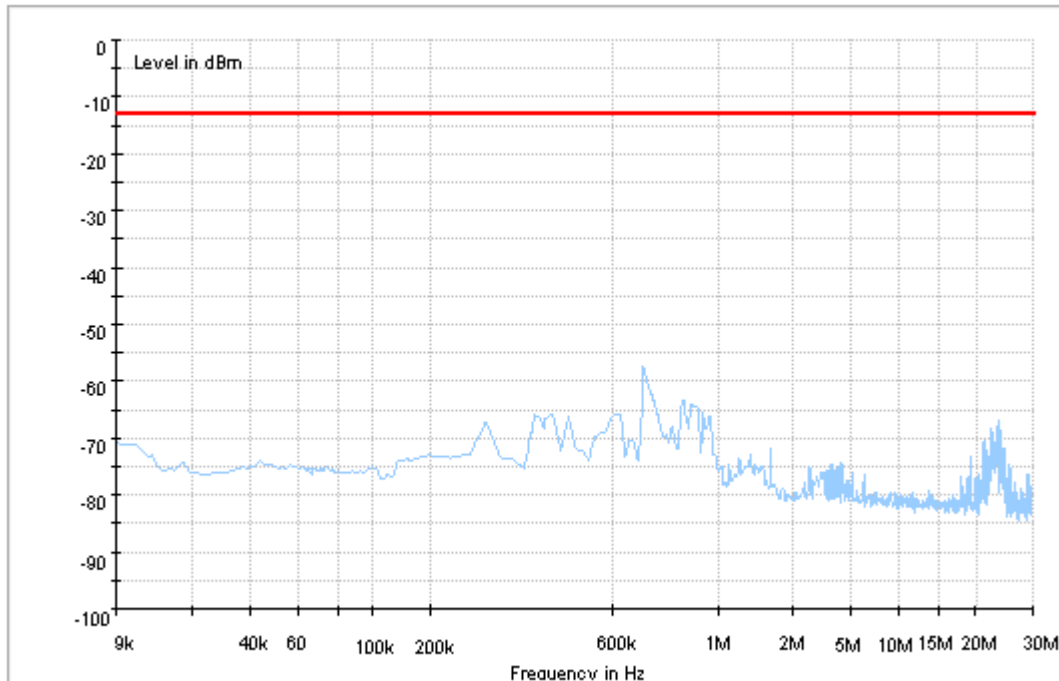
Copy of RSE-TX-DIRECTOR ABOVE 1.5G_L



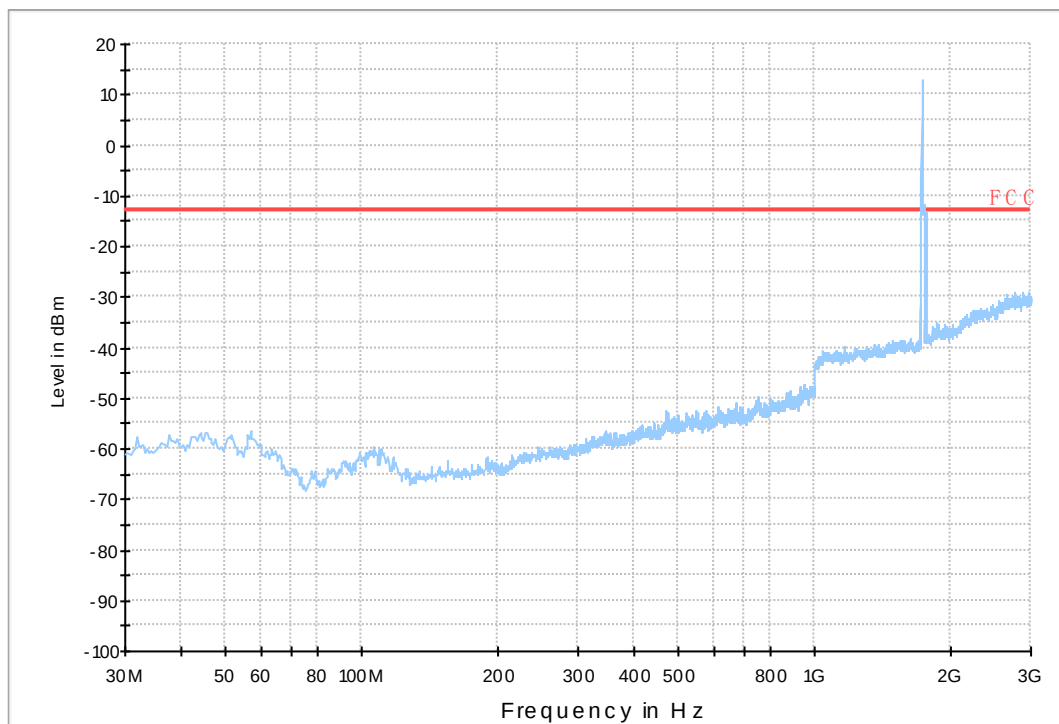
Copy of RSE-TX-DIRECTOR ABOVE 1.5G_H



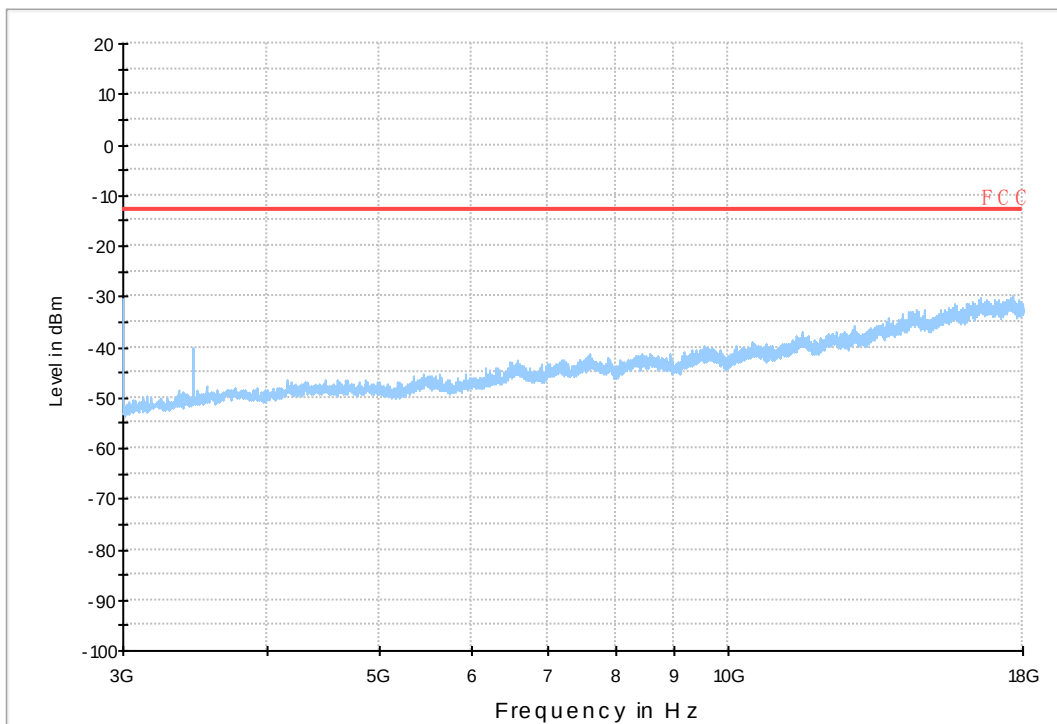
7.1.3.2 Test Bandwidth = 20



Copy of RSE-TX-DIRECTOR ABOVE 1.5G_L

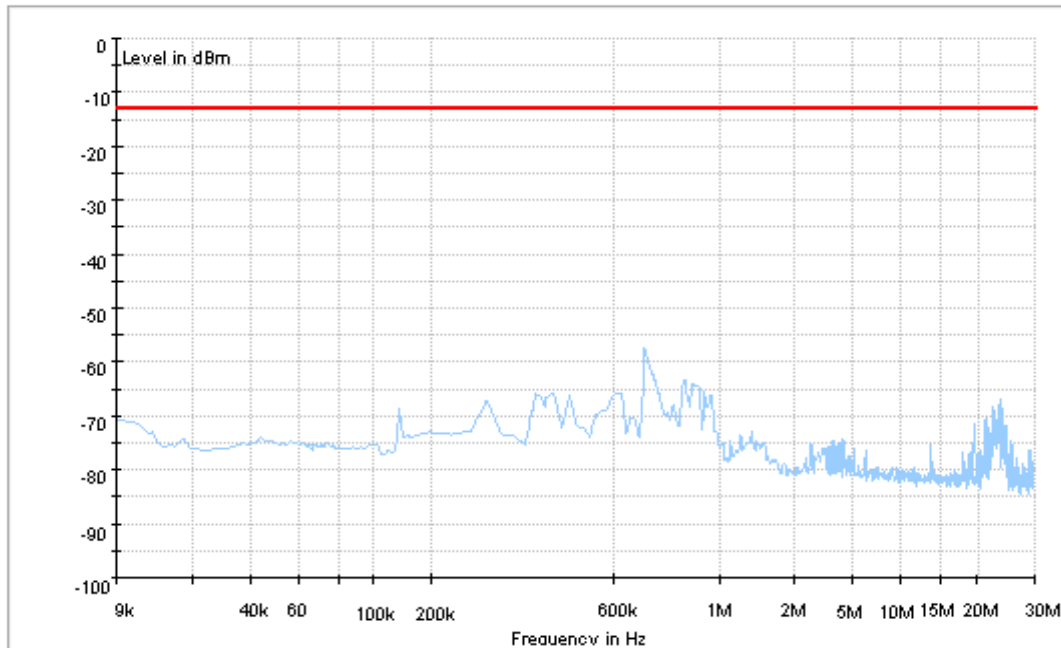


Copy of RSE-TX-DIRECTOR ABOVE 1.5G_H

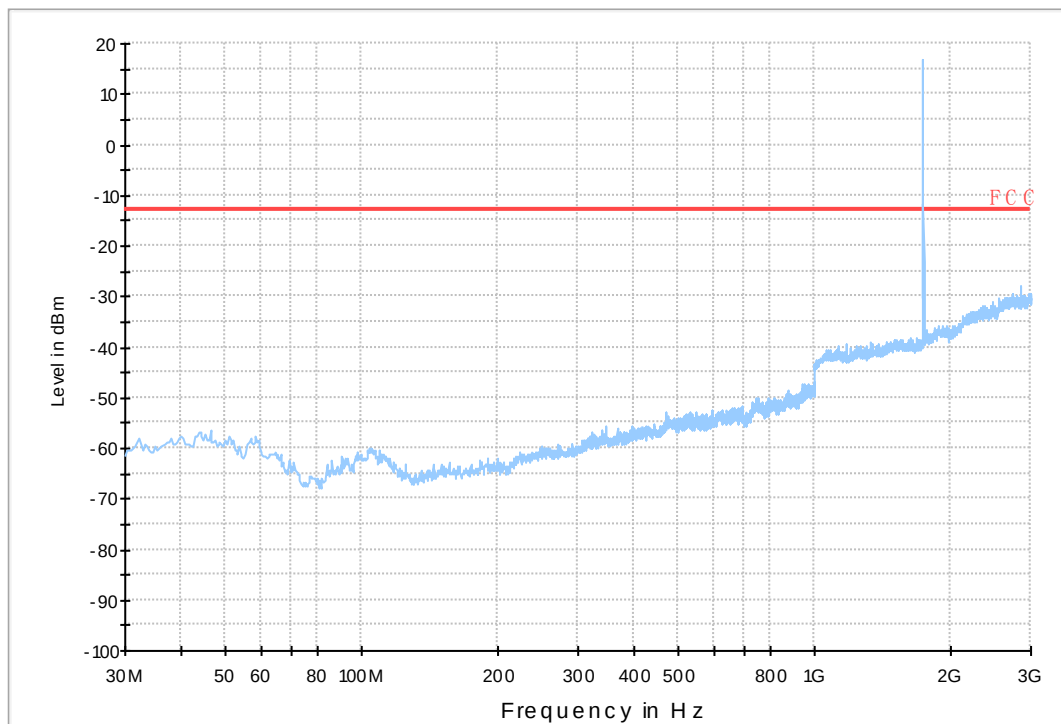


7.1.4 Test Band = BAND4_Ant2

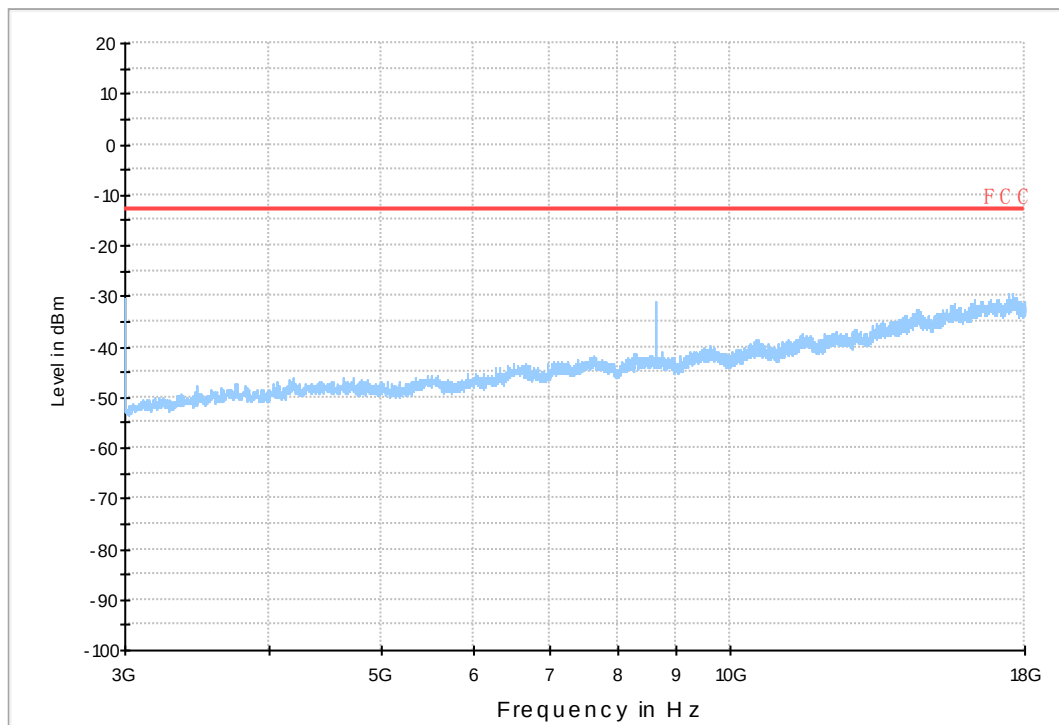
7.1.4.1 Test Bandwidth = 1.4



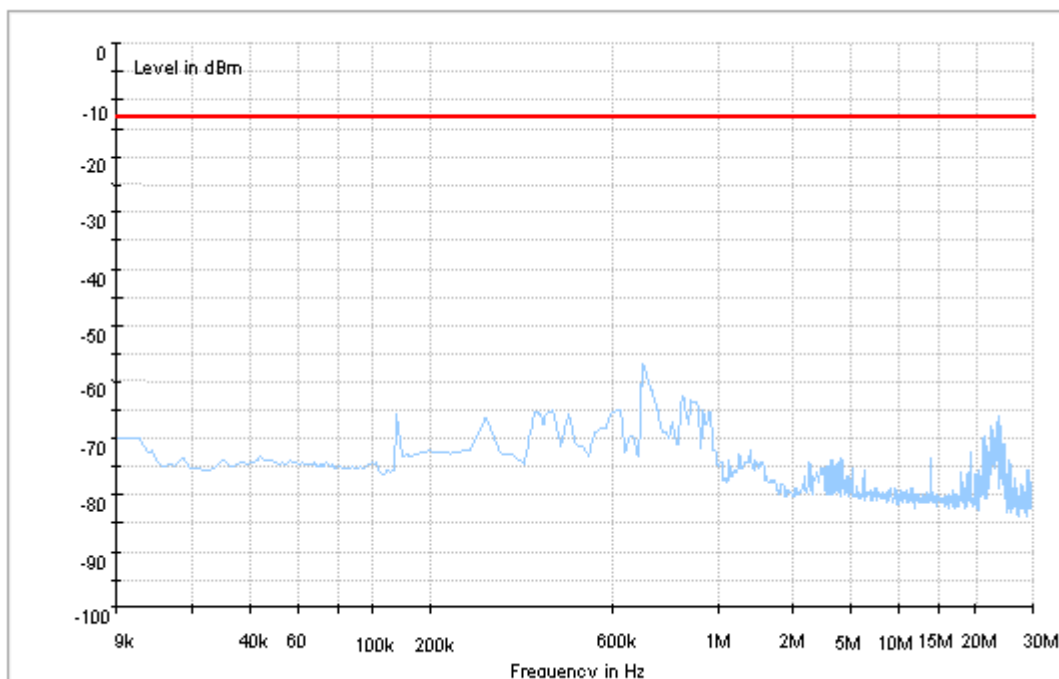
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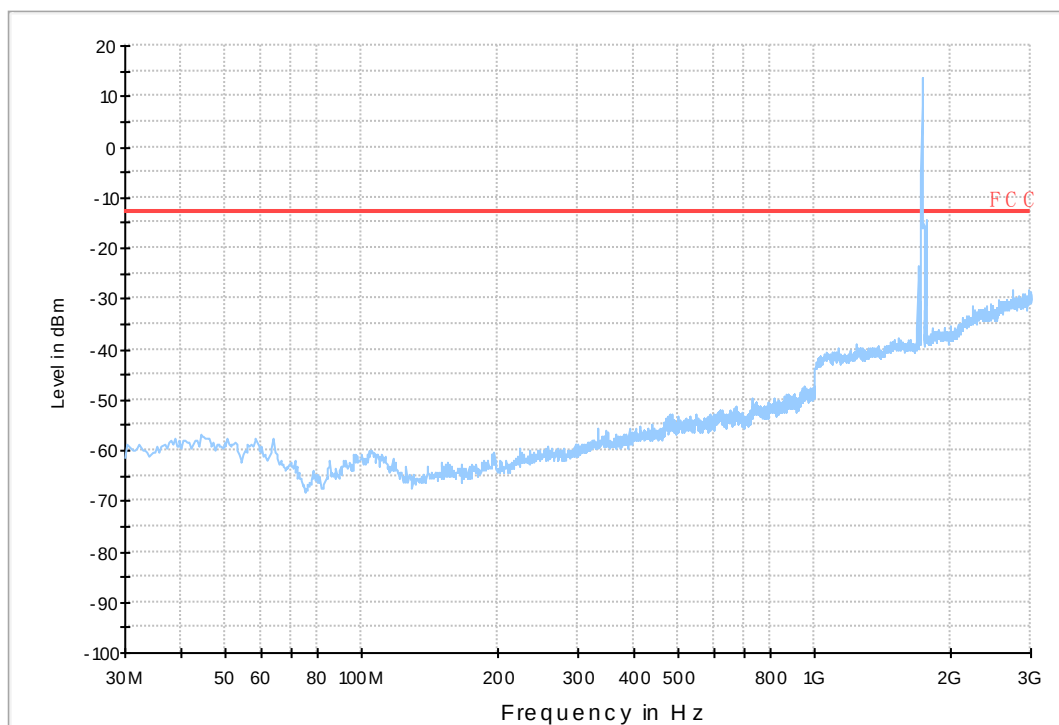
Copy of RSE-TX-DIRECTOR ABOVE 1.5G_H



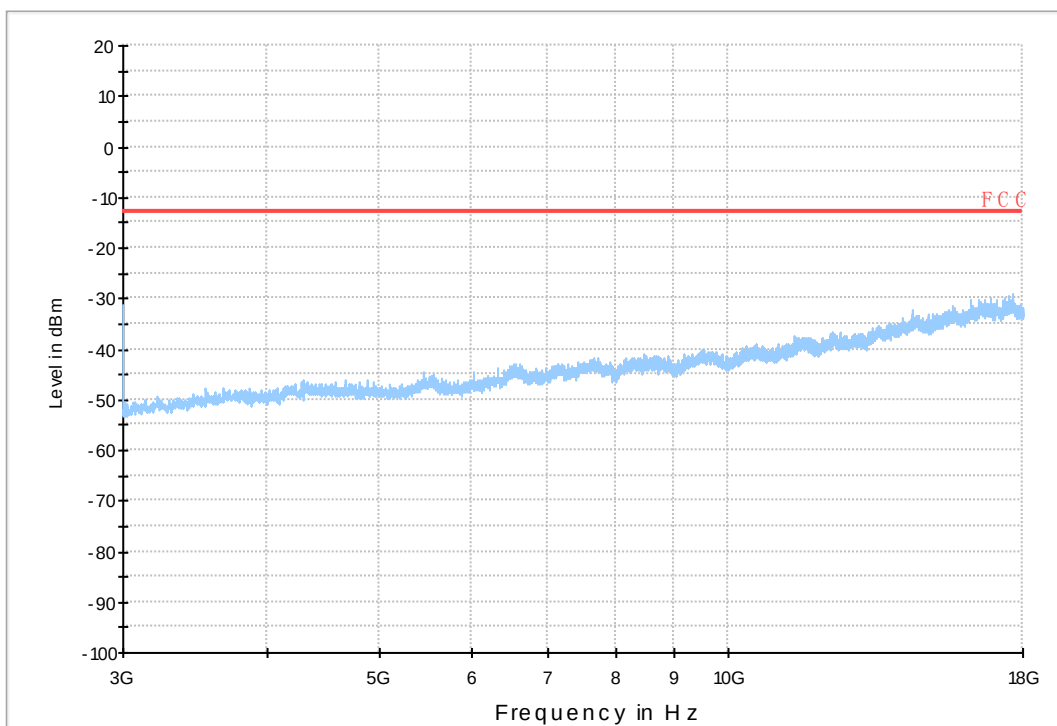
7.1.4.2 Test Bandwidth = 20



Copy of RSE-TX-DIRECTOR ABOVE 1.5G_L



Copy of RSE-TX-DIRECTOR ABOVE 1.5G_H



8Appendix_H: Frequency Stability

8.1 For LTE

8.1.1Frequency Error vs. Voltage:

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
BAND2	LTE/TM1	1.4	LCH	TN	VL	-1.95	-0.0002	PASS
					VN	-6.9	-0.00287	PASS
					VH	0.11	0.00091	PASS
			MCH	TN	VL	-10.37	-0.00467	PASS
					VN	-8.79	-0.00383	PASS
					VH	1.39	0.00158	PASS
			HCH	TN	VL	3.61	0.00272	PASS
					VN	3.52	0.00268	PASS
					VH	-0.87	0.00038	PASS
		3	LCH	TN	VL	-1.98	-0.00022	PASS
					VN	-0.59	0.00053	PASS
					VH	-3.37	-0.00097	PASS
			MCH	TN	VL	-5.29	-0.00197	PASS
					VN	-6.76	-0.00275	PASS
					VH	-3.6	-0.00107	PASS
			HCH	TN	VL	-0.77	0.00043	PASS
					VN	0.85	0.00128	PASS
					VH	0.16	0.00092	PASS
		5	LCH	TN	VL	-52.57	-0.02752	PASS
					VN	-2.08	-0.00027	PASS
					VH	-2.18	-0.00032	PASS
			MCH	TN	VL	-4.11	-0.00134	PASS
					VN	-44.57	-0.02286	PASS
					VH	-5.73	-0.0022	PASS
			HCH	TN	VL	-1.4	0.0001	PASS
					VN	-2.47	-0.00046	PASS
					VH	-2.1	-0.00027	PASS
		10	LCH	TN	VL	0.01	0.00086	PASS
					VN	-5.43	-0.00207	PASS
					VH	-5.44	-0.00208	PASS
			MCH	TN	VL	-2.6	-0.00054	PASS

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
			HCH	TN	VN	-4.1	-0.00134	PASS
					VH	-4.26	-0.00142	PASS
					VL	-1.45	0.00007	PASS
					VN	-1.37	0.00012	PASS
					VH	-0.29	0.00068	PASS
					VL	-3.31	-0.00093	PASS
		15	LCH	TN	VN	-5.27	-0.00199	PASS
					VH	-4.06	-0.00133	PASS
					VL	-1.02	0.0003	PASS
			MCH	TN	VN	-5.52	-0.00209	PASS
					VH	-2.96	-0.00073	PASS
					VL	-3.71	-0.00111	PASS
			HCH	TN	VN	-3.63	-0.00107	PASS
					VH	-1.7	-0.00006	PASS
					VL	-3.27	-0.00091	PASS
		20	LCH	TN	VN	-4.34	-0.00148	PASS
					VH	-5.67	-0.0022	PASS
					VL	-6.45	-0.00259	PASS
			MCH	TN	VN	-4.1	-0.00134	PASS
					VH	-2.63	-0.00056	PASS
					VL	-1.68	-0.00005	PASS
			HCH	TN	VN	-0.62	0.00051	PASS
					VH	-0.24	0.00071	PASS
					VL	-0.65	0.0005	PASS
	LTE/TM2	1.4	LCH	TN	VN	-10.01	-0.00455	PASS
					VH	-0.04	0.00083	PASS
					VL	-2.07	-0.00026	PASS
			MCH	TN	VN	-5.8	-0.00224	PASS
					VH	-3.1	-0.00081	PASS
					VL	-2.54	-0.0005	PASS
			HCH	TN	VN	-4.21	-0.00137	PASS
					VH	-2.1	-0.00027	PASS
					VL	-1.52	0.00003	PASS
		3	LCH	TN	VN	-0.75	0.00045	PASS
					VH	-0.82	0.00041	PASS
					VL	-16.13	-0.00774	PASS
			MCH	TN	VN	-3.51	-0.00102	PASS
					VH	-3.3	-0.00091	PASS
					VL	-6.69	-0.00267	PASS

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					VN	-17.58	-0.00838	PASS
					VH	-9.96	-0.00438	PASS
		5	LCH	TN	VL	-39.15	-0.02028	PASS
					VN	-4.17	-0.0014	PASS
					VH	-0.19	0.00075	PASS
					VL	-2.93	-0.00071	PASS
			MCH	TN	VN	-3.43	-0.00098	PASS
					VH	-1.84	-0.00014	PASS
					VL	-3	-0.00074	PASS
			HCH	TN	VN	-1.61	-0.00001	PASS
					VH	-3.2	-0.00084	PASS
					VL	8.3	0.00533	PASS
		10	LCH	TN	VN	-3.43	-0.001	PASS
					VH	-0.62	0.00052	PASS
					VL	-3.18	-0.00085	PASS
			MCH	TN	VN	-1.64	-0.00003	PASS
					VH	-3.53	-0.00103	PASS
					VL	-3.27	-0.00088	PASS
			HCH	TN	VN	-1.91	-0.00017	PASS
					VH	0.25	0.00097	PASS
					VL	-4.76	-0.00171	PASS
		15	LCH	TN	VN	-4.97	-0.00182	PASS
					VH	-5.96	-0.00236	PASS
					VL	-11.52	-0.00528	PASS
			MCH	TN	VN	-21.35	-0.01051	PASS
					VH	-2.68	-0.00058	PASS
					VL	-3.14	-0.00081	PASS
			HCH	TN	VN	-2.47	-0.00046	PASS
					VH	-4.5	-0.00153	PASS
					VL	15.9	0.0094	PASS
		20	LCH	TN	VN	34.54	0.01942	PASS
					VH	-47.8	-0.02485	PASS
					VL	-4.37	-0.00148	PASS
			MCH	TN	VN	-3.71	-0.00113	PASS
					VH	-2.83	-0.00066	PASS
					VL	-1.25	0.00018	PASS
			HCH	TN	VN	-3.64	-0.00108	PASS
					VH	-1.12	0.00025	PASS
					VL	15.9	0.0094	PASS

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
BAND4	LTE/TM1	1.4	LCH	TN	VL	-3.15	-0.00184	PASS
					VN	-8.35	-0.00488	PASS
					VH	3.53	0.00206	PASS
			MCH	TN	VL	-1.92	-0.00111	PASS
					VN	-1.95	-0.00113	PASS
					VH	-3.78	-0.00218	PASS
			HCH	TN	VL	4.32	0.00246	PASS
					VN	1.46	0.00083	PASS
					VH	-1.30	-0.00074	PASS
		3	LCH	TN	VL	-5.66	-0.00331	PASS
					VN	10.09	0.0059	PASS
					VH	5.45	0.00318	PASS
			MCH	TN	VL	-1.26	-0.00073	PASS
					VN	3.35	0.00193	PASS
					VH	1.60	0.00092	PASS
			HCH	TN	VL	0.46	0.00026	PASS
					VN	0.31	0.00018	PASS
					VH	-0.76	-0.00043	PASS
		5	LCH	TN	VL	-1.87	-0.00109	PASS
					VN	1.60	0.00093	PASS
					VH	5.09	0.00297	PASS
			MCH	TN	VL	-0.01	-0.00001	PASS
					VN	0.89	0.00051	PASS
					VH	2.33	0.00134	PASS
			HCH	TN	VL	-0.72	-0.00041	PASS
					VN	-1.36	-0.00078	PASS
					VH	-1.06	-0.0006	PASS
		10	LCH	TN	VL	1.83	0.00107	PASS
					VN	1.63	0.00095	PASS
					VH	-2.86	-0.00167	PASS
			MCH	TN	VL	1.96	0.00113	PASS
					VN	1.69	0.00098	PASS
					VH	1.69	0.00098	PASS
			HCH	TN	VL	1.07	0.00061	PASS
					VN	0.49	0.00028	PASS
					VH	2.65	0.00151	PASS
		15	LCH	TN	VL	1.07	0.00062	PASS
					VN	1.42	0.00083	PASS

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
			MCH	TN	VH	0.07	0.00004	PASS
					VL	2.80	0.00162	PASS
					VN	6.32	0.00365	PASS
			HCH	TN	VH	6.18	0.00357	PASS
					VL	3.46	0.00198	PASS
					VN	1.83	0.00105	PASS
		20	LCH	TN	VH	1.34	0.00077	PASS
					VL	1.32	0.00077	PASS
					VN	-0.79	-0.00046	PASS
			MCH	TN	VH	4.02	0.00234	PASS
					VL	0.96	0.00055	PASS
					VN	-0.13	-0.00008	PASS
			HCH	TN	VH	3.40	0.00196	PASS
					VL	1.67	0.00096	PASS
					VN	3.59	0.00206	PASS
	LTE/TM2	1.4	LCH	TN	VH	0.97	0.00056	PASS
					VL	-5.18	-0.00303	PASS
					VN	-9.14	-0.00534	PASS
			MCH	TN	VH	3.60	0.0021	PASS
					VL	-5.32	-0.00307	PASS
					VN	0.79	0.00046	PASS
			HCH	TN	VH	-0.97	-0.00056	PASS
					VL	-0.01	-0.00001	PASS
					VN	2.33	0.00133	PASS
		3	LCH	TN	VH	0.89	0.00051	PASS
					VL	0.62	0.00036	PASS
					VN	-3.36	-0.00196	PASS
			MCH	TN	VH	-2.79	-0.00163	PASS
					VL	-13.68	-0.0079	PASS
					VN	-5.14	-0.00297	PASS
			HCH	TN	VH	7.50	0.00433	PASS
					VL	5.72	0.00326	PASS
					VN	5.44	0.0031	PASS
		5	LCH	TN	VH	3.35	0.00191	PASS
					VL	1.17	0.00068	PASS
					VN	2.33	0.00136	PASS
			MCH	TN	VH	4.29	0.00251	PASS
					VL	3.82	0.0022	PASS
					VN	2.88	0.00166	PASS

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
			HCH	TN	VH	2.69	0.00155	PASS
					VL	-0.59	-0.00034	PASS
					VN	-3.00	-0.00171	PASS
					VH	-0.40	-0.00023	PASS
		10	LCH	TN	VL	-2.25	-0.00131	PASS
					VN	-1.30	-0.00076	PASS
					VH	1.80	0.00105	PASS
			MCH	TN	VL	-1.39	-0.00008	PASS
					VN	-3.02	-0.00174	PASS
					VH	2.12	0.00122	PASS
			HCH	TN	VL	1.54	0.00088	PASS
					VN	0.11	0.00006	PASS
					VH	1.80	0.00103	PASS
		15	LCH	TN	VL	2.37	0.00138	PASS
					VN	2.75	0.0016	PASS
					VH	1.09	0.00063	PASS
			MCH	TN	VL	1.53	0.00088	PASS
					VN	3.82	0.0022	PASS
					VH	3.06	0.00177	PASS
			HCH	TN	VL	1.26	0.00072	PASS
					VN	-0.82	-0.00047	PASS
					VH	0.72	0.00041	PASS
		20	LCH	TN	VL	1.30	0.00076	PASS
					VN	-0.83	-0.00048	PASS
					VH	1.12	0.00065	PASS
			MCH	TN	VL	1.65	0.00095	PASS
					VN	2.29	0.00132	PASS
					VH	2.79	0.00161	PASS
			HCH	TN	VL	1.87	0.00107	PASS
					VN	-1.96	-0.00112	PASS
					VH	-0.82	-0.00047	PASS

8.1.2 Frequency Error vs. Temperature:

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
BAND2	LTE/TM1	1.4	LCH	VN	-30	-0.98	-0.00219	PASS
					-20	-2.01	-0.00275	PASS
					-10	-2.6	-0.00307	PASS
					0	-3.03	-0.0033	PASS
					10	-4.16	-0.00391	PASS
					20	6.97	-0.00179	PASS
					30	-7.8	-0.00264	PASS
					40	-1.61	-0.00254	PASS
					50	-10.21	-0.0061	PASS
			MCH	VN	-30	-3.59	-0.00359	PASS
					-20	-10.5	-0.00727	PASS
					-10	-60.39	-0.03381	PASS
					0	-9.3	-0.00663	PASS
					10	-10.03	-0.00702	PASS
					20	-0.77	-0.00209	PASS
					30	-7.75	-0.00581	PASS
					40	-42.96	-0.02453	PASS
					50	-6.13	-0.00494	PASS
			HCH	VN	-30	-5.42	-0.00454	PASS
					-20	-11.9	-0.00793	PASS
					-10	10.62	0.00386	PASS
					0	-6.65	-0.00518	PASS
					10	-6.49	-0.0051	PASS
					20	-40.24	-0.02278	PASS
					30	-0.03	-0.00172	PASS
					40	-2.46	-0.00299	PASS
					50	-2.51	-0.00301	PASS
		3	LCH	VN	-30	-0.4	-0.00188	PASS
					-20	-2.84	-0.0032	PASS
					-10	-3.17	-0.00338	PASS
					0	-40.47	-0.02352	PASS
					10	-5.69	-0.00474	PASS
					20	-4.8	-0.00426	PASS
					30	-0.15	-0.00175	PASS
					40	-3.9	-0.00377	PASS
					50	-5.43	-0.0046	PASS

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
			MCH	VN	-30	-4.53	-0.00409	PASS
					-20	-6.45	-0.00511	PASS
					-10	0.59	-0.00137	PASS
					0	-52.38	-0.02954	PASS
					10	-9.67	-0.00683	PASS
					20	-4.53	-0.00409	PASS
					30	-1.74	-0.00261	PASS
					40	-2.03	-0.00276	PASS
					50	-1.7	-0.00259	PASS
			HCH	VN	-30	-2.5	-0.00301	PASS
					-20	-5.39	-0.00452	PASS
					-10	-12.33	-0.00816	PASS
					0	-10.97	-0.00745	PASS
					10	-3.96	-0.00377	PASS
					20	-3.63	-0.0036	PASS
					30	-3.44	-0.0035	PASS
					40	-1.43	-0.00245	PASS
					50	-3.92	-0.00375	PASS
		5	LCH	VN	-30	-3.19	-0.00339	PASS
					-20	-46.52	-0.02678	PASS
					-10	-0.41	-0.00189	PASS
					0	-1.66	-0.00256	PASS
					10	-2.79	-0.00317	PASS
					20	-84.96	-0.04753	PASS
					30	-0.53	-0.00195	PASS
					40	-4.78	-0.00425	PASS
					50	-3.12	-0.00335	PASS
			MCH	VN	-30	-3.83	-0.00372	PASS
					-20	-72.14	-0.04006	PASS
					-10	-4.85	-0.00426	PASS
					0	-2.04	-0.00277	PASS
					10	-4.22	-0.00393	PASS
					20	-3.32	-0.00345	PASS
					30	-1.33	-0.00239	PASS
					40	-29.15	-0.01719	PASS
					50	-3.5	-0.00354	PASS
			HCH	VN	-30	-62.64	-0.03454	PASS
					-20	-4.13	-0.00386	PASS
					-10	-32.34	-0.01865	PASS

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					0	-26.09	-0.01538	PASS
					10	-9.61	-0.00674	PASS
					20	-4.83	-0.00423	PASS
					30	-5.42	-0.00454	PASS
					40	-4.33	-0.00397	PASS
					50	-78.53	-0.04287	PASS
		10	LCH	VN	-30	-2.89	-0.00323	PASS
					-20	-7.31	-0.00561	PASS
					-10	-4.2	-0.00393	PASS
					0	-3.13	-0.00336	PASS
					10	-5.62	-0.0047	PASS
					20	-3.5	-0.00355	PASS
			MCH	VN	30	-2.76	-0.00316	PASS
					40	-4.22	-0.00394	PASS
					50	-5.76	-0.00477	PASS
					-30	-4.02	-0.00382	PASS
					-20	-7.18	-0.0055	PASS
					-10	-0.9	-0.00216	PASS
					0	-4.17	-0.0039	PASS
					10	-5.89	-0.00482	PASS
					20	-5.23	-0.00446	PASS
					30	-2.33	-0.00292	PASS
					40	-2.53	-0.00303	PASS
					50	-1.57	-0.00252	PASS
			HCH	VN	-30	-2.23	-0.00287	PASS
					-20	-2.3	-0.0029	PASS
					-10	-2.57	-0.00305	PASS
					0	-5.81	-0.00475	PASS
					10	-1.53	-0.0025	PASS
					20	-2.41	-0.00296	PASS
					30	-2.9	-0.00322	PASS
					40	-1.91	-0.0027	PASS
					50	-2.8	-0.00317	PASS
		15	LCH	VN	-30	-4.37	-0.00402	PASS
					-20	-4.7	-0.0042	PASS
					-10	-4.37	-0.00402	PASS
					0	-6.22	-0.00502	PASS
					10	-5.12	-0.00443	PASS
					20	-7.04	-0.00546	PASS

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					30	-4.72	-0.00421	PASS
					40	-5.46	-0.00461	PASS
					50	-4.43	-0.00405	PASS
			MCH	VN	-30	-4.05	-0.00384	PASS
					-20	-3.2	-0.00339	PASS
					-10	-4.1	-0.00386	PASS
					0	-4.23	-0.00393	PASS
					10	-3	-0.00328	PASS
					20	-18.82	-0.01169	PASS
					30	-4.17	-0.0039	PASS
					40	-3.54	-0.00357	PASS
					50	-3.96	-0.00379	PASS
			HCH	VN	-30	-4.12	-0.00386	PASS
					-20	-2.61	-0.00307	PASS
					-10	-1.59	-0.00253	PASS
					0	-1.51	-0.00249	PASS
					10	-3.87	-0.00373	PASS
					20	-1.96	-0.00273	PASS
					30	-3.54	-0.00356	PASS
					40	-3.66	-0.00362	PASS
					50	-2.83	-0.00318	PASS
		20	LCH	VN	-30	-2.31	-0.00291	PASS
					-20	-0.6	-0.00199	PASS
					-10	-8.25	-0.00611	PASS
					0	-1.9	-0.00269	PASS
					10	-2.37	-0.00295	PASS
					20	-3.2	-0.00339	PASS
					30	-2.27	-0.00289	PASS
					40	-4.06	-0.00385	PASS
					50	-2.74	-0.00314	PASS
			MCH	VN	-30	-4.27	-0.00395	PASS
					-20	-0.57	-0.00199	PASS
					-10	-4.93	-0.00431	PASS
					0	-5.56	-0.00464	PASS
					10	-5.12	-0.00441	PASS
					20	-4.37	-0.00401	PASS
					30	-2.61	-0.00307	PASS
					40	-6.73	-0.00526	PASS
					50	-5.03	-0.00436	PASS

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
			HCH	VN	-30	0.37	-0.0015	PASS
					-20	-2.53	-0.00303	PASS
					-10	0.33	-0.00152	PASS
					0	-1.28	-0.00237	PASS
					10	-0.77	-0.0021	PASS
					20	-1.8	-0.00264	PASS
					30	-2.23	-0.00287	PASS
					40	1.49	-0.00091	PASS
					50	1.49	-0.00091	PASS
	LTE/TM2	1.4	LCH	VN	-30	-4.57	-0.00413	PASS
					-20	-2.31	-0.00291	PASS
					-10	-13.47	-0.00894	PASS
					0	-6.66	-0.00526	PASS
					10	-14.04	-0.00925	PASS
					20	-8.75	-0.00639	PASS
					30	-4.06	-0.00386	PASS
					40	-2.69	-0.00312	PASS
					50	-2.33	-0.00292	PASS
			MCH	VN	-30	-9.6	-0.00679	PASS
					-20	0.96	-0.00117	PASS
					-10	-7.76	-0.00581	PASS
					0	-14.55	-0.00942	PASS
					10	7.07	0.00208	PASS
					20	-2.94	-0.00325	PASS
					30	-0.45	-0.00192	PASS
					40	-46.83	-0.02659	PASS
					50	-4.25	-0.00394	PASS
			HCH	VN	-30	-5.48	-0.00457	PASS
					-20	-11.4	-0.00767	PASS
					-10	-1.71	-0.0026	PASS
					0	-2.83	-0.00318	PASS
					10	-2.49	-0.003	PASS
					20	-1.7	-0.00259	PASS
					30	4.31	0.00056	PASS
					40	-7.99	-0.00588	PASS
					50	-3.86	-0.00372	PASS
		3	LCH	VN	-30	-5.89	-0.00485	PASS
					-20	-5.76	-0.00478	PASS
					-10	-3.26	-0.00343	PASS

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
		5			0	-16.96	-0.01083	PASS
					10	-2.82	-0.00319	PASS
					20	-4.89	-0.00431	PASS
					30	-4.76	-0.00424	PASS
					40	-4	-0.00383	PASS
					50	-5.45	-0.00461	PASS
			MCH	VN	-30	-4.26	-0.00395	PASS
					-20	-4.16	-0.0039	PASS
					-10	-1.94	-0.00271	PASS
					0	-43.14	-0.02463	PASS
					10	-1.8	-0.00264	PASS
					20	-7.62	-0.00574	PASS
					30	-1.8	-0.00264	PASS
					40	-2.53	-0.00303	PASS
					50	-2.37	-0.00294	PASS
			HCH	VN	-30	-1.28	-0.00237	PASS
					-20	-1.21	-0.00233	PASS
					-10	-3.44	-0.0035	PASS
					0	-14.33	-0.00921	PASS
					10	-2.04	-0.00277	PASS
					20	-4.83	-0.00423	PASS
					30	-3.26	-0.00341	PASS
					40	-1.47	-0.00247	PASS
					50	-4.19	-0.0039	PASS
			LCH	VN	-30	-5.02	-0.00438	PASS
					-20	-1.87	-0.00268	PASS
					-10	-4.25	-0.00396	PASS
					0	-46.66	-0.02685	PASS
					10	-4.46	-0.00407	PASS
					20	-0.83	-0.00211	PASS
					30	-2.06	-0.00278	PASS
					40	-2.63	-0.00309	PASS
					50	-6.66	-0.00526	PASS
			MCH	VN	-30	-2.37	-0.00294	PASS
					-20	-82.15	-0.04538	PASS
					-10	-1.89	-0.00269	PASS
					0	-4.53	-0.00409	PASS
					10	-2.51	-0.00302	PASS
					20	-3	-0.00328	PASS

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					30	-1.34	-0.0024	PASS
					40	-1.16	-0.0023	PASS
					50	-3.39	-0.00349	PASS
			HCH	VN	-30	-48.38	-0.02706	PASS
					-20	-41.73	-0.02358	PASS
					-10	-45.89	-0.02576	PASS
					0	-32.04	-0.0185	PASS
					10	-5.19	-0.00442	PASS
					20	-2.34	-0.00293	PASS
					30	-45.32	-0.02546	PASS
					40	-2.47	-0.00299	PASS
					50	-2.29	-0.0029	PASS
		10	LCH	VN	-30	-9.42	-0.00675	PASS
					-20	-5.26	-0.0045	PASS
					-10	-4.4	-0.00404	PASS
					0	-5.95	-0.00488	PASS
					10	-7.55	-0.00574	PASS
					20	-3.57	-0.00359	PASS
					30	-7.02	-0.00545	PASS
					40	-10.03	-0.00707	PASS
					50	-3.54	-0.00358	PASS
			MCH	VN	-30	-6.31	-0.00504	PASS
					-20	-4.16	-0.0039	PASS
					-10	-3.9	-0.00376	PASS
					0	-2.72	-0.00313	PASS
					10	-2.19	-0.00285	PASS
					20	-2.47	-0.003	PASS
					30	-4.66	-0.00416	PASS
					40	-2.96	-0.00326	PASS
					50	-2.11	-0.00281	PASS
			HCH	VN	-30	-2.33	-0.00292	PASS
					-20	-0.96	-0.0022	PASS
					-10	-3.34	-0.00345	PASS
					0	-2.2	-0.00285	PASS
					10	-2.14	-0.00282	PASS
					20	-2.76	-0.00315	PASS
					30	-4.69	-0.00416	PASS
					40	-1.31	-0.00239	PASS
					50	-1.48	-0.00247	PASS

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
		15	LCH	VN	-30	-2.89	-0.00323	PASS
					-20	-3.16	-0.00337	PASS
					-10	-3.22	-0.0034	PASS
					0	-3.83	-0.00373	PASS
					10	-5.49	-0.00463	PASS
					20	-8.27	-0.00612	PASS
					30	-0.1	-0.00172	PASS
					40	-3.14	-0.00336	PASS
					50	-5.32	-0.00453	PASS
			MCH	VN	-30	-5.82	-0.00478	PASS
					-20	-4.37	-0.00401	PASS
					-10	-3.36	-0.00347	PASS
					0	-4.96	-0.00432	PASS
					10	-3.06	-0.00331	PASS
					20	-3.76	-0.00368	PASS
					30	-2.77	-0.00316	PASS
					40	-5.69	-0.00471	PASS
					50	-3.97	-0.00379	PASS
			HCH	VN	-30	-4.22	-0.00391	PASS
					-20	-4.95	-0.0043	PASS
					-10	-2.79	-0.00316	PASS
					0	-4.67	-0.00415	PASS
					10	-5.38	-0.00452	PASS
					20	-1.96	-0.00273	PASS
					30	-2.63	-0.00308	PASS
					40	-4.42	-0.00402	PASS
					50	-3.87	-0.00373	PASS
		20	LCH	VN	-30	-5.33	-0.00454	PASS
					-20	-8.54	-0.00626	PASS
					-10	-3.87	-0.00375	PASS
					0	-0.68	-0.00204	PASS
					10	-7.56	-0.00574	PASS
					20	-5.2	-0.00447	PASS
					30	-6.82	-0.00534	PASS
					40	-5.69	-0.00473	PASS
					50	-5.53	-0.00464	PASS
			MCH	VN	-30	-3.9	-0.00376	PASS
					-20	-3.95	-0.00378	PASS
					-10	-6.46	-0.00512	PASS

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					0	-5.06	-0.00437	PASS
					10	-5.78	-0.00476	PASS
					20	-4.46	-0.00406	PASS
					30	-4.19	-0.00391	PASS
					40	-5.18	-0.00444	PASS
					50	-4	-0.00381	PASS
			HCH	VN	-30	-3.32	-0.00344	PASS
					-20	-3.27	-0.00342	PASS
					-10	-5.58	-0.00463	PASS
					0	-1.54	-0.00251	PASS
					10	-4.17	-0.00389	PASS
					20	-3.59	-0.00358	PASS
					30	-2.97	-0.00326	PASS
					40	-3.44	-0.00351	PASS
					50	-4.46	-0.00404	PASS

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp .	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
BAND4	LTE/TM1	1.4	LCH	VN	-30	4.92	0.0013	PASS
					-20	10.73	0.0047	PASS
					-10	-6.82	-0.00556	PASS
					0	38.27	0.0208	PASS
					10	9.87	0.0042	PASS
					20	-13.87	-0.01389	PASS
					30	9.39	0.01912	PASS
					40	13.48	0.00631	PASS
					50	2.34	0.02201	PASS
			MCH	VN	-30	5.72	0.00171	PASS
					-20	-3.12	-0.00339	PASS
					-10	0.9	-0.00107	PASS
					0	-9.55	-0.0071	PASS
					10	-8.24	-0.00634	PASS
					20	-7.21	-0.00575	PASS
					30	-0.01	-0.00159	PASS
					40	-8.61	-0.00656	PASS
					50	-13.99	-0.00966	PASS
			HCH	VN	-30	-6.18	-0.00513	PASS

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp .	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					-20	-3.54	-0.00362	PASS
					-10	-8.04	-0.00619	PASS
					0	-6.89	-0.00553	PASS
					10	-13.42	-0.00925	PASS
					20	-4.53	-0.00419	PASS
					30	-8.89	-0.00667	PASS
					40	-3.16	-0.0034	PASS
					50	-5.32	-0.00464	PASS
		3	LCH	VN	-30	-2.4	-0.00298	PASS
					-20	0.95	-0.00102	PASS
					-10	2.58	-7E-05	PASS
					0	-1.2	-0.00227	PASS
					10	9.27	0.00384	PASS
					20	-8.68	-0.00664	PASS
					30	16.68	0.00817	PASS
					40	12.15	0.00553	PASS
					50	0.1	-0.00151	PASS
			MCH	VN	-30	-3.66	-0.0037	PASS
					-20	-3.27	-0.00348	PASS
					-10	-5.42	-0.00472	PASS
					0	-2.31	-0.00292	PASS
					10	1.88	-0.0005	PASS
					20	-2.17	-0.00284	PASS
					30	0.07	-0.00155	PASS
					40	-5.4	-0.0047	PASS
					50	-4.07	-0.00394	PASS
			HCH	VN	-30	-2.67	-0.00313	PASS
					-20	-2.57	-0.00307	PASS
					-10	-2.97	-0.0033	PASS
					0	-1.48	-0.00245	PASS
					10	0.23	-0.00147	PASS
					20	-4.65	-0.00425	PASS
					30	-1.14	-0.00225	PASS
					40	-6.65	-0.00539	PASS
					50	-2.59	-0.00308	PASS
		5	LCH	VN	-30	13.29	0.00619	PASS
					-20	3.82	0.00066	PASS
					-10	3.49	0.00046	PASS
					0	3.55	0.0005	PASS

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp .	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					10	0.35	-0.00137	PASS
					20	-4.1	-0.00397	PASS
					30	-2.77	-0.00319	PASS
					40	0.39	-0.00135	PASS
					50	-0.21	-0.0017	PASS
			MCH	VN	-30	-3.3	-0.00349	PASS
					-20	2.23	-0.0003	PASS
					-10	2.36	-0.00023	PASS
					0	-0.9	-0.00211	PASS
					10	-0.1	-0.00165	PASS
					20	-3.56	-0.00364	PASS
					30	0.55	-0.00127	PASS
					40	-3.23	-0.00345	PASS
					50	-0.25	-0.00173	PASS
			HCH	VN	-30	-3.79	-0.00376	PASS
					-20	-1.9	-0.00269	PASS
					-10	-31.25	-0.01943	PASS
					0	-2.74	-0.00317	PASS
					10	-12.6	-0.00879	PASS
					20	-1.11	-0.00224	PASS
					30	-2.84	-0.00322	PASS
					40	-9.64	-0.0071	PASS
					50	-2.16	-0.00283	PASS
		10	LCH	VN	-30	-9.78	-0.00728	PASS
					-20	-5.29	-0.00466	PASS
					-10	-1.79	-0.00262	PASS
					0	-9.21	-0.00695	PASS
					10	-4.07	-0.00395	PASS
					20	-2.7	-0.00315	PASS
					30	-7.62	-0.00602	PASS
					40	-4.25	-0.00405	PASS
					50	-1.77	-0.00261	PASS
			MCH	VN	-30	-3.8	-0.00378	PASS
					-20	-2.39	-0.00297	PASS
					-10	-2.17	-0.00284	PASS
					0	-5.28	-0.00464	PASS
					10	-4.32	-0.00408	PASS
					20	-2.89	-0.00326	PASS
					30	-8.05	-0.00623	PASS

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp .	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					40	-5.33	-0.00466	PASS
					50	2.92	1E-04	PASS
			HCH	VN	-30	-3.49	-0.00359	PASS
					-20	-2.79	-0.00319	PASS
					-10	-3.24	-0.00345	PASS
					0	0.25	-0.00146	PASS
					10	-3.14	-0.00339	PASS
					20	-3.57	-0.00364	PASS
					30	-6.18	-0.00513	PASS
					40	-3.49	-0.00359	PASS
					50	-3.83	-0.00379	PASS
		15	LCH	VN	-30	-13.09	-0.0092	PASS
					-20	2.82	6E-05	PASS
					-10	19.41	0.00972	PASS
					0	29.46	0.01558	PASS
					10	-6.78	-0.00552	PASS
					20	-12.83	-0.00905	PASS
					30	-16.91	-0.01142	PASS
					40	-8.55	-0.00656	PASS
					50	14.58	0.00691	PASS
			MCH	VN	-30	-2.34	-0.00294	PASS
					-20	-2.99	-0.00331	PASS
					-10	-4.67	-0.00428	PASS
					0	-5.3	-0.00465	PASS
					10	-4.45	-0.00416	PASS
					20	-1.01	-0.00217	PASS
					30	-4.43	-0.00414	PASS
					40	-3.54	-0.00363	PASS
					50	-3.95	-0.00387	PASS
			HCH	VN	-30	-0.53	-0.0019	PASS
					-20	22.82	0.01146	PASS
					-10	22.5	0.01128	PASS
					0	-16.71	-0.01116	PASS
					10	10.7	0.00452	PASS
					20	-12.59	-0.0088	PASS
					30	44.94	0.02412	PASS
					40	51.49	0.02787	PASS
					50	12.81	0.00573	PASS
		20	LCH	VN	-30	45.65	0.02496	PASS

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp .	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					-20	-21	-0.01379	PASS
					-10	-10.28	-0.00756	PASS
					0	-10.48	-0.00767	PASS
					10	-22.63	-0.01474	PASS
					20	-3.24	-0.00346	PASS
					30	-2.84	-0.00323	PASS
					40	-6.49	-0.00535	PASS
					50	1.79	-0.00054	PASS
			MCH	VN	-30	6.24	0.00201	PASS
					-20	-1.77	-0.00261	PASS
					-10	5.45	0.00156	PASS
					0	-0.11	-0.00165	PASS
					10	1.68	-0.00062	PASS
					20	6.03	0.00189	PASS
					30	-0.08	-0.00163	PASS
					40	5.64	0.00167	PASS
					50	-0.68	-0.00198	PASS
			HCH	VN	-30	-6.08	-0.00508	PASS
					-20	2.82	2E-05	PASS
					-10	-12.3	-0.00865	PASS
					0	-6.49	-0.00532	PASS
					10	-4.26	-0.00404	PASS
					20	-0.37	-0.00181	PASS
					30	-5.91	-0.00498	PASS
					40	-4.85	-0.00438	PASS
					50	1.12	-0.00095	PASS
	LTE/TM2	1.4	LCH	VN	-30	-9.54	-0.00715	PASS
					-20	20.85	0.01062	PASS
					-10	7.33	0.00271	PASS
					0	-16.05	-0.01095	PASS
					10	-7.06	-0.0057	PASS
					20	-3.66	-0.00371	PASS
					30	-17.31	-0.01169	PASS
					40	-11.78	-0.00846	PASS
					50	-14.65	-0.01014	PASS
			MCH	VN	-30	-3.87	-0.00382	PASS
					-20	1.06	-0.00098	PASS
					-10	-4.13	-0.00397	PASS
					0	26.08	0.01347	PASS

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp .	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					10	-9.34	-0.00698	PASS
					20	-5.95	-0.00502	PASS
					30	-4.6	-0.00424	PASS
					40	-1.28	-0.00233	PASS
					50	2.71	-2E-05	PASS
			HCH	VN	-30	-2.8	-0.0032	PASS
					-20	-4.13	-0.00396	PASS
					-10	-3.5	-0.0036	PASS
					0	-7.72	-0.006	PASS
					10	-4.56	-0.0042	PASS
					20	-4.8	-0.00434	PASS
					30	-7.62	-0.00595	PASS
					40	0.73	-0.00119	PASS
					50	-8.98	-0.00672	PASS
		3	LCH	VN	-30	-3.1	-0.00338	PASS
					-20	0.9	-0.00105	PASS
					-10	-1.27	-0.00232	PASS
					0	-5.13	-0.00457	PASS
					10	-6.43	-0.00533	PASS
					20	-1.56	-0.00248	PASS
					30	-7.72	-0.00608	PASS
					40	-2.6	-0.00309	PASS
					50	-4.25	-0.00406	PASS
			MCH	VN	-30	0.55	-0.00127	PASS
					-20	-3.85	-0.00381	PASS
					-10	-0.54	-0.0019	PASS
					0	9.16	0.0037	PASS
					10	-4.2	-0.00401	PASS
					20	-3.16	-0.00341	PASS
					30	1.82	-0.00054	PASS
					40	-3.06	-0.00335	PASS
					50	-3.54	-0.00363	PASS
			HCH	VN	-30	0.55	-0.00129	PASS
					-20	2.18	-0.00036	PASS
					-10	-13.77	-0.00946	PASS
					0	0.05	-0.00157	PASS
					10	2.39	-0.00024	PASS
					20	-3	-0.00331	PASS
					30	-2.11	-0.00281	PASS

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp .	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					40	-1.27	-0.00233	PASS
					50	-8.45	-0.00642	PASS
		5	LCH	VN	-30	-17.12	-0.01157	PASS
					-20	-3.7	-0.00373	PASS
					-10	-0.78	-0.00203	PASS
					0	-22.5	-0.01471	PASS
					10	-3.47	-0.0036	PASS
					20	-4.6	-0.00426	PASS
					30	-3.44	-0.00358	PASS
					40	0.49	-0.00129	PASS
					50	-4.27	-0.00407	PASS
			MCH	VN	-30	0.55	-0.00127	PASS
					-20	-4.83	-0.00438	PASS
					-10	-0.67	-0.00197	PASS
					0	-3.53	-0.00363	PASS
					10	-0.68	-0.00198	PASS
					20	-6.06	-0.00509	PASS
					30	-0.1	-0.00165	PASS
					40	-2.27	-0.0029	PASS
					50	-0.7	-0.00199	PASS
			HCH	VN	-30	-8.42	-0.00641	PASS
					-20	-2.56	-0.00306	PASS
					-10	-4.59	-0.00422	PASS
					0	-2.44	-0.00299	PASS
					10	-6.79	-0.00548	PASS
					20	-1.23	-0.0023	PASS
					30	-4.62	-0.00424	PASS
					40	-4.12	-0.00395	PASS
					50	-7.26	-0.00574	PASS
		10	LCH	VN	-30	-4.9	-0.00443	PASS
					-20	1.23	-0.00086	PASS
					-10	5.27	0.0015	PASS
					0	-1.41	-0.0024	PASS
					10	-2.63	-0.00311	PASS
					20	-2.2	-0.00286	PASS
					30	-0.8	-0.00204	PASS
					40	-0.17	-0.00167	PASS
					50	-3.27	-0.00348	PASS
			MCH	VN	-30	-1.81	-0.00263	PASS

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp .	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					-20	-0.86	-0.00208	PASS
					-10	-2.11	-0.00281	PASS
					0	1.58	-0.00068	PASS
					10	2.65	-6E-05	PASS
					20	-0.53	-0.00189	PASS
					30	0.89	-0.00107	PASS
					40	3.06	0.00018	PASS
					50	0.56	-0.00126	PASS
			HCH	VN	-30	-2.07	-0.00278	PASS
					-20	-0.43	-0.00185	PASS
					-10	-3.16	-0.00341	PASS
					0	-1.5	-0.00246	PASS
					10	-2.41	-0.00298	PASS
					20	-1.97	-0.00273	PASS
					30	-2.41	-0.00298	PASS
					40	6.37	0.00204	PASS
					50	-3.24	-0.00345	PASS
		15	LCH	VN	-30	-2.36	-0.00295	PASS
					-20	-0.86	-0.00208	PASS
					-10	-11.04	-0.00801	PASS
					0	-1.07	-0.0022	PASS
					10	-7.46	-0.00592	PASS
					20	-43.61	-0.02697	PASS
					30	-3.56	-0.00365	PASS
					40	-9.91	-0.00735	PASS
					50	-4.39	-0.00413	PASS
			MCH	VN	-30	-1.74	-0.00259	PASS
					-20	-1.83	-0.00264	PASS
					-10	-1.69	-0.00256	PASS
					0	-3.24	-0.00346	PASS
					10	-1.48	-0.00244	PASS
					20	-1.44	-0.00242	PASS
					30	-3.03	-0.00334	PASS
					40	0.06	-0.00155	PASS
					50	-0.64	-0.00196	PASS
			HCH	VN	-30	-32.21	-0.02003	PASS
					-20	41.34	0.02206	PASS
					-10	-26.28	-0.01664	PASS
					0	42.72	0.02285	PASS

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp .	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					10	107.98	0.06019	PASS
					20	-3.1	-0.00337	PASS
					30	-19.5	-0.01276	PASS
					40	-24.33	-0.01552	PASS
					50	-86.17	-0.05091	PASS
		20	LCH	VN	-30	-4.57	-0.00424	PASS
					-20	-15.69	-0.0107	PASS
					-10	-6.13	-0.00514	PASS
					0	5.97	0.00189	PASS
					10	-6.01	-0.00507	PASS
					20	-6.31	-0.00525	PASS
					30	8.09	0.00312	PASS
					40	0.47	-0.00131	PASS
					50	-2.84	-0.00323	PASS
			MCH	VN	-30	-3.77	-0.00376	PASS
					-20	0.46	-0.00132	PASS
					-10	-1.7	-0.00257	PASS
					0	2.22	-0.00031	PASS
					10	1.16	-0.00092	PASS
					20	-3.42	-0.00356	PASS
					30	-3.43	-0.00357	PASS
					40	-3.03	-0.00334	PASS
					50	-1.14	-0.00225	PASS
			HCH	VN	-30	-8.68	-0.00657	PASS
					-20	-15.89	-0.0107	PASS
					-10	-4.85	-0.00438	PASS
					0	-7.48	-0.00588	PASS
					10	-3.19	-0.00342	PASS
					20	-3.77	-0.00376	PASS
					30	-6.88	-0.00554	PASS
					40	-6.62	-0.00539	PASS
					50	-9.71	-0.00716	PASS

END