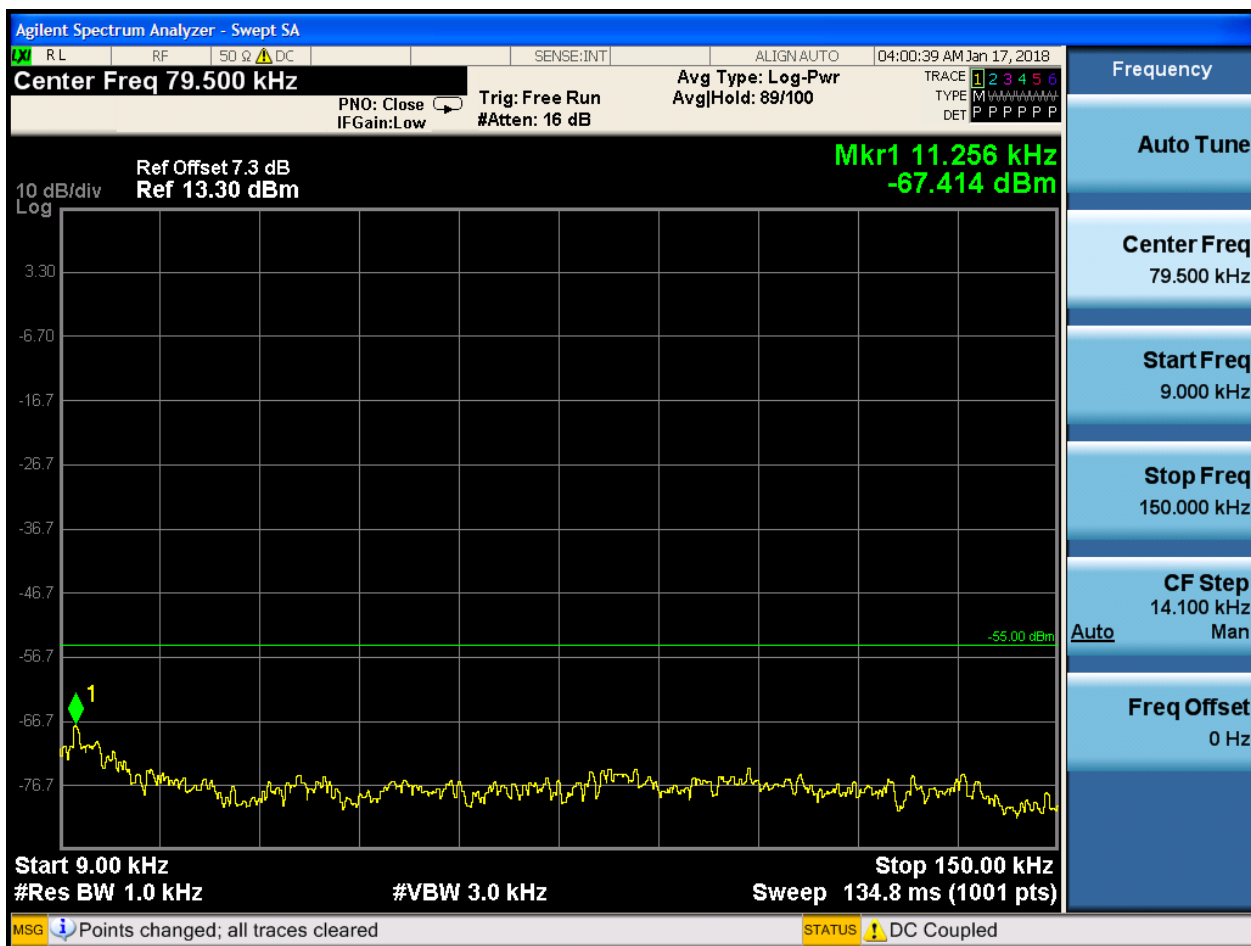
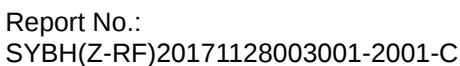


6.1.1.1.3.2 Test Channel = MCH

6.1.1.1.3.2.1 Test RB = RB1#0

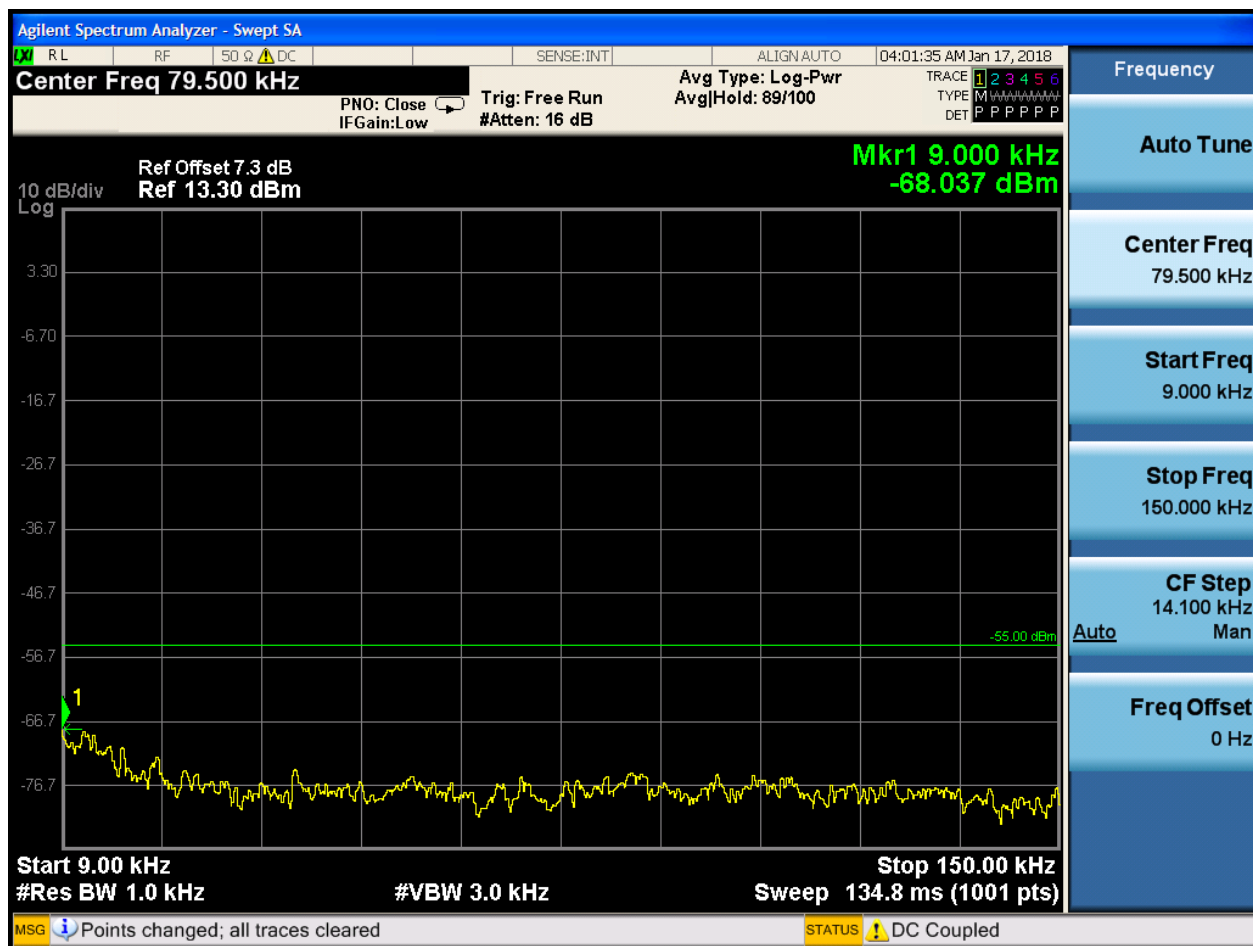


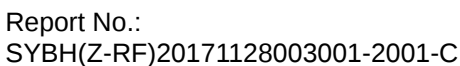


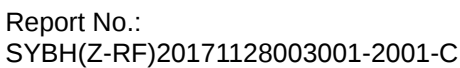


6.1.1.1.3.3 Test Channel = HCH

6.1.1.1.3.3.1 Test RB = RB1#0



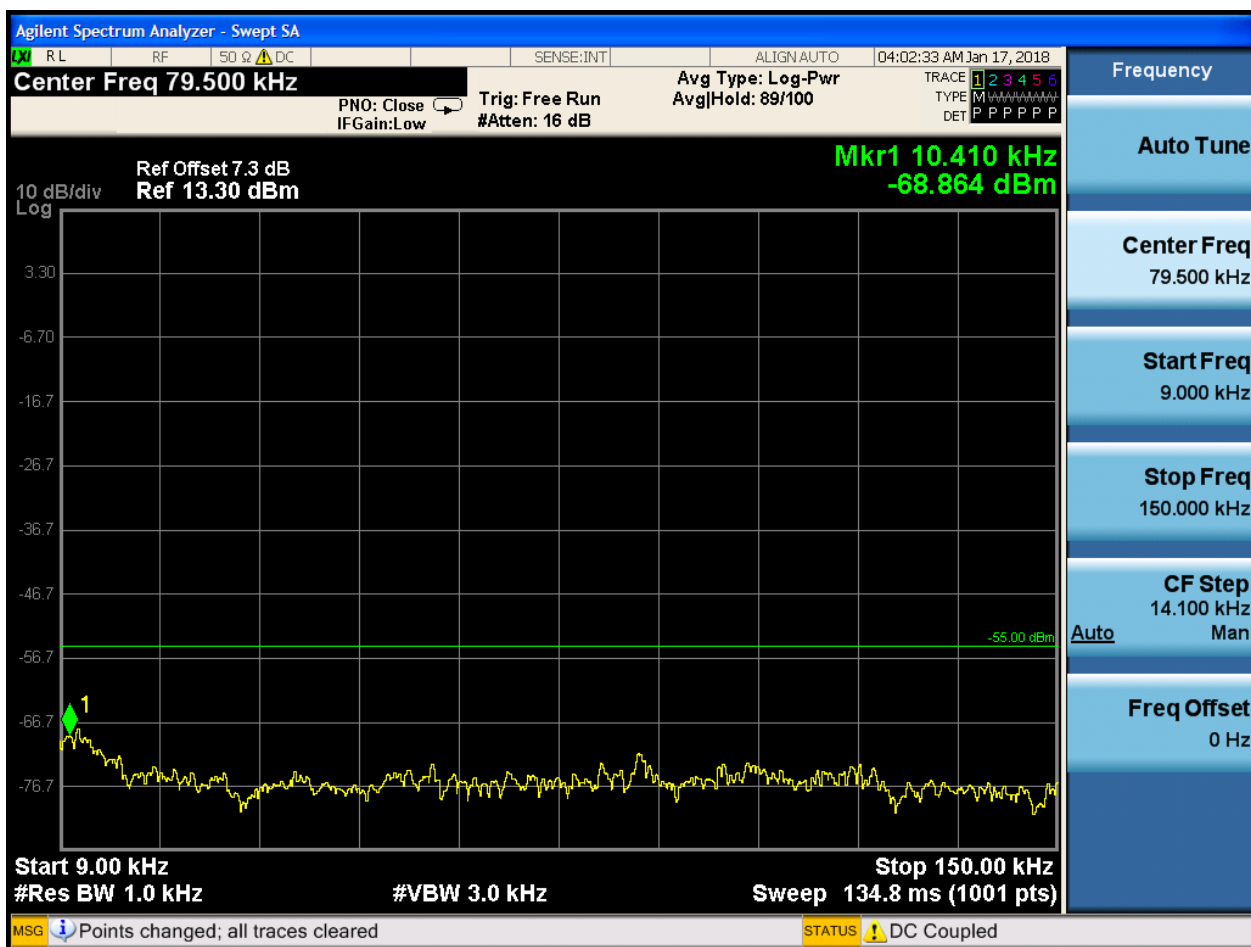


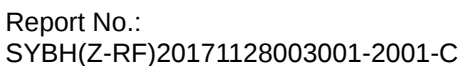


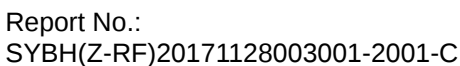
6.1.1.1.4 Test Bandwidth = 20

6.1.1.1.4.1 Test Channel = LCH

6.1.1.1.4.1.1 Test RB = RB1#0

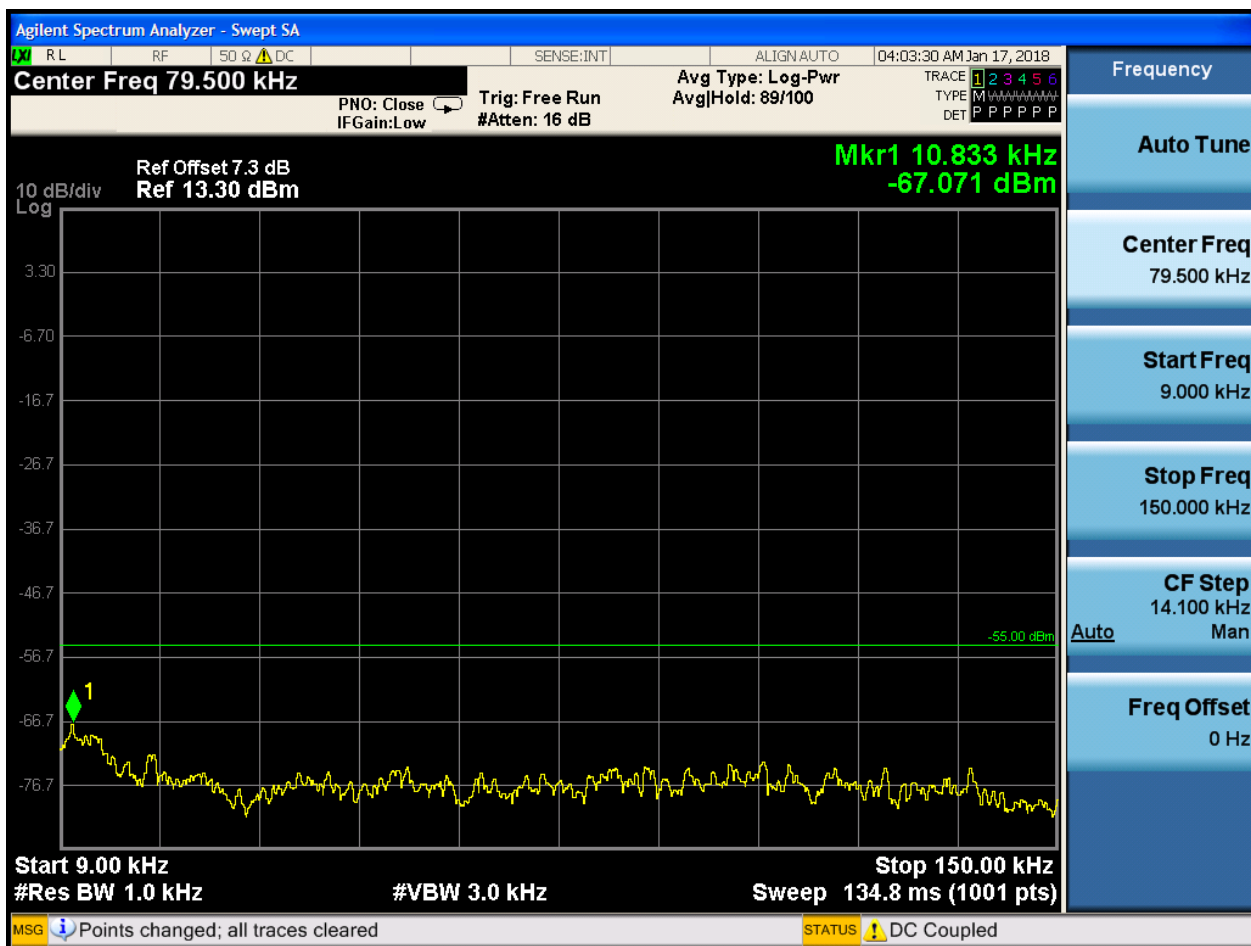


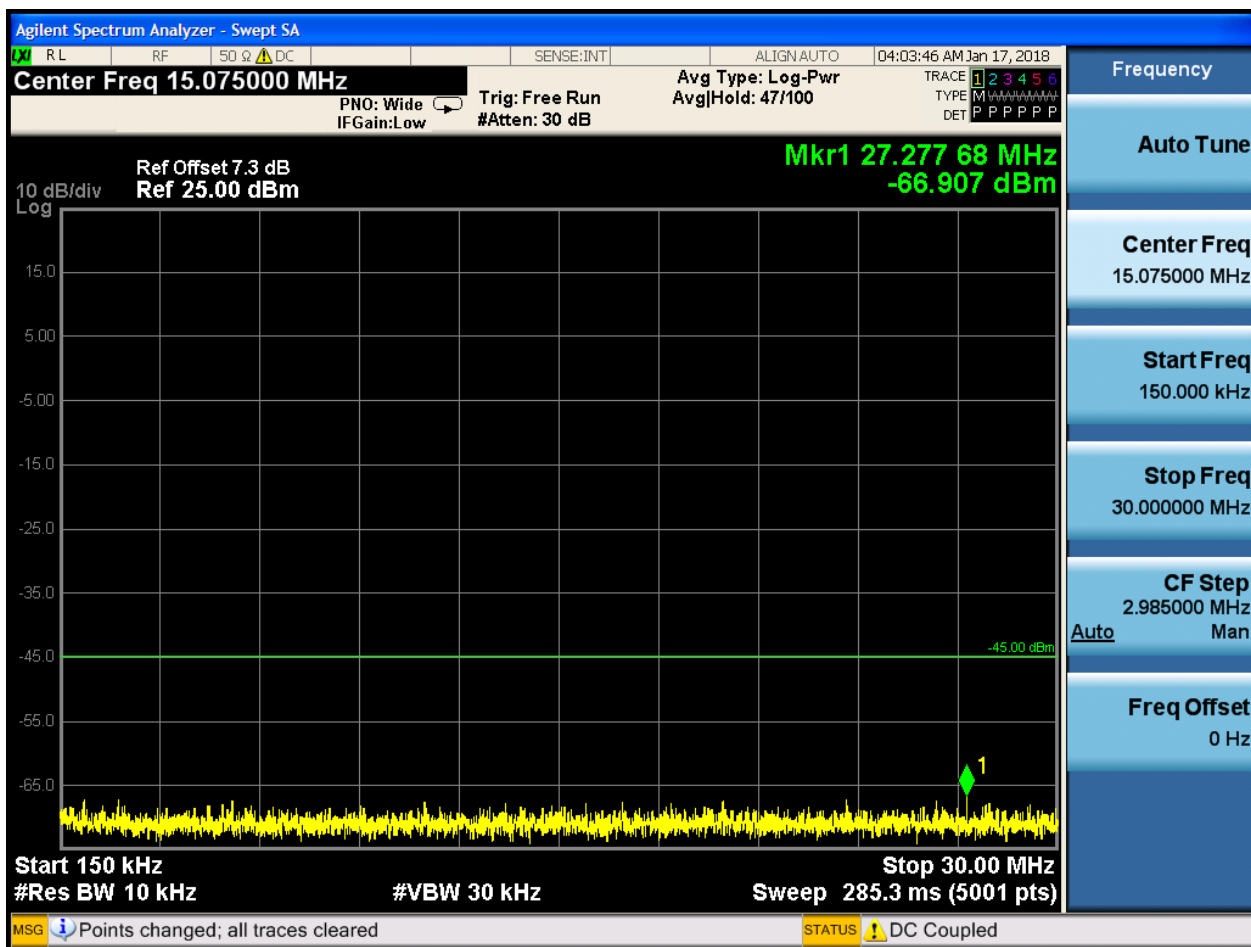


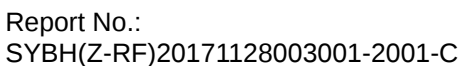


6.1.1.1.4.2 Test Channel = MCH

6.1.1.1.4.2.1 Test RB = RB1#0

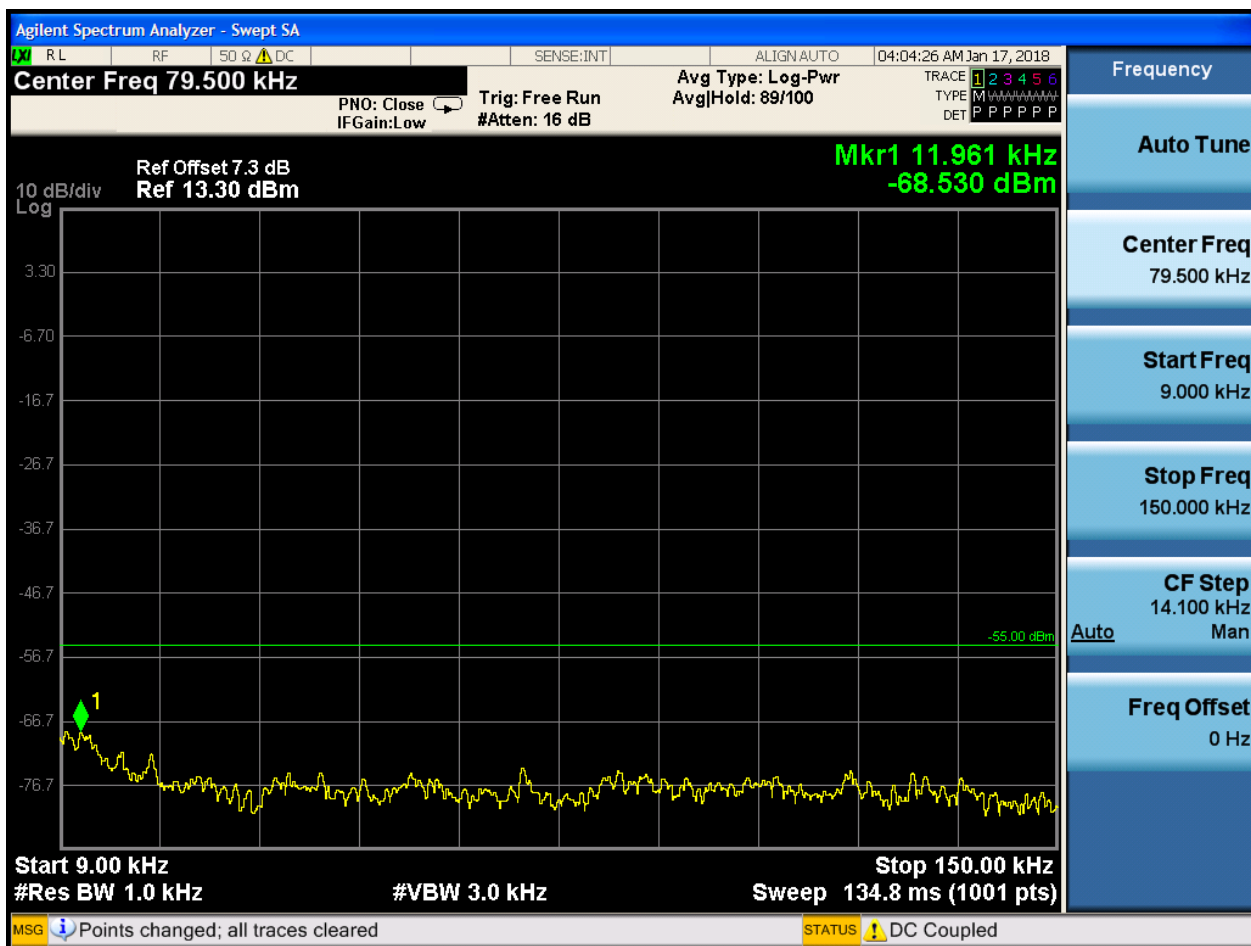


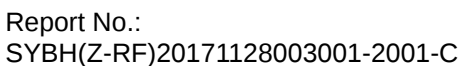


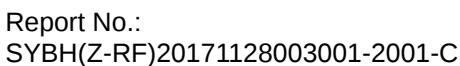


6.1.1.1.4.3 Test Channel = HCH

6.1.1.1.4.3.1 Test RB = RB1#0





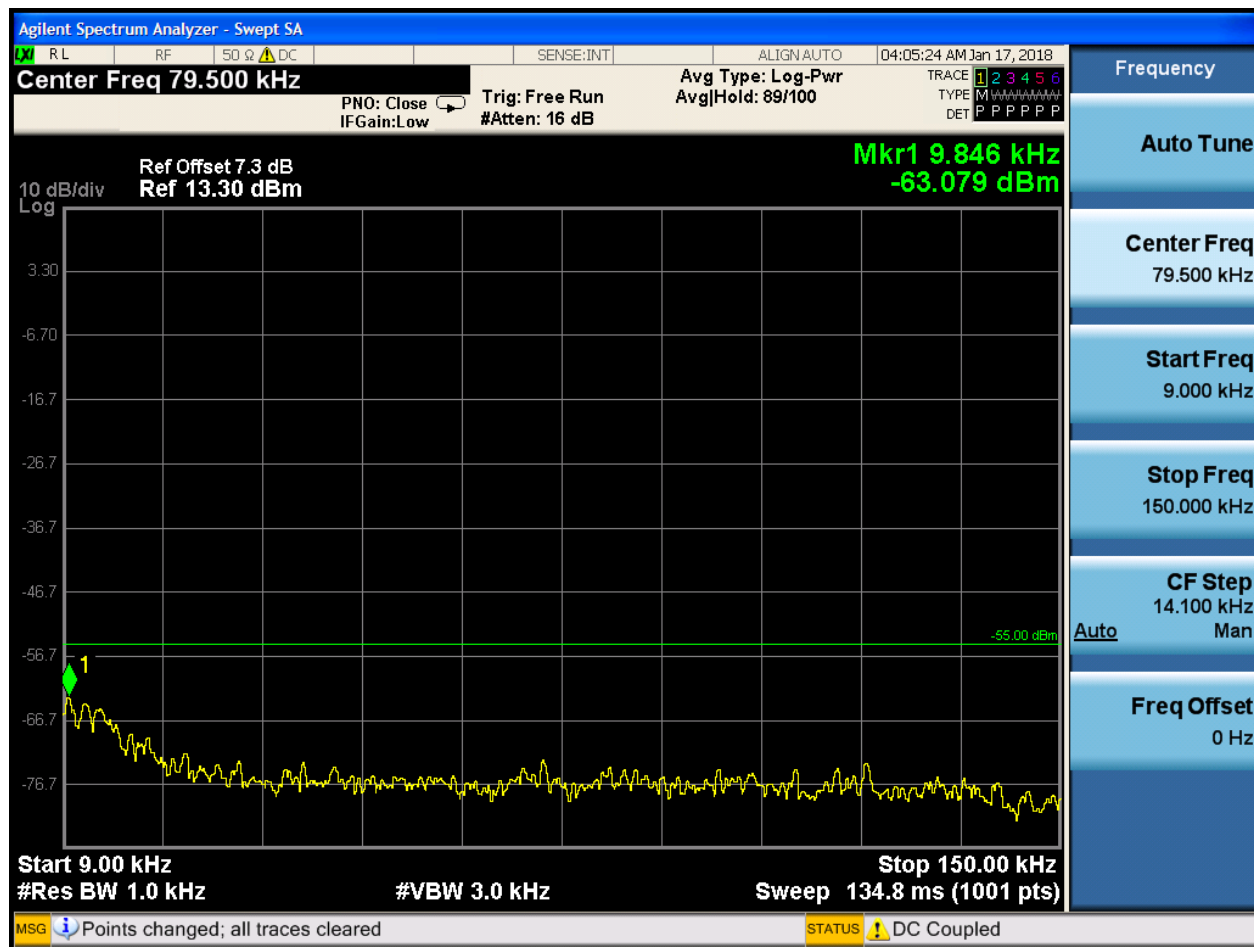


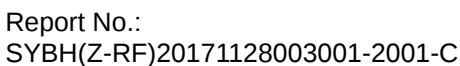
6.1.1.2 Test Mode = LTE/TM2

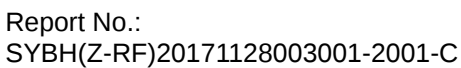
6.1.1.2.1 Test Bandwidth = 5

6.1.1.2.1.1 Test Channel = LCH

6.1.1.2.1.1.1 Test RB = RB1#0

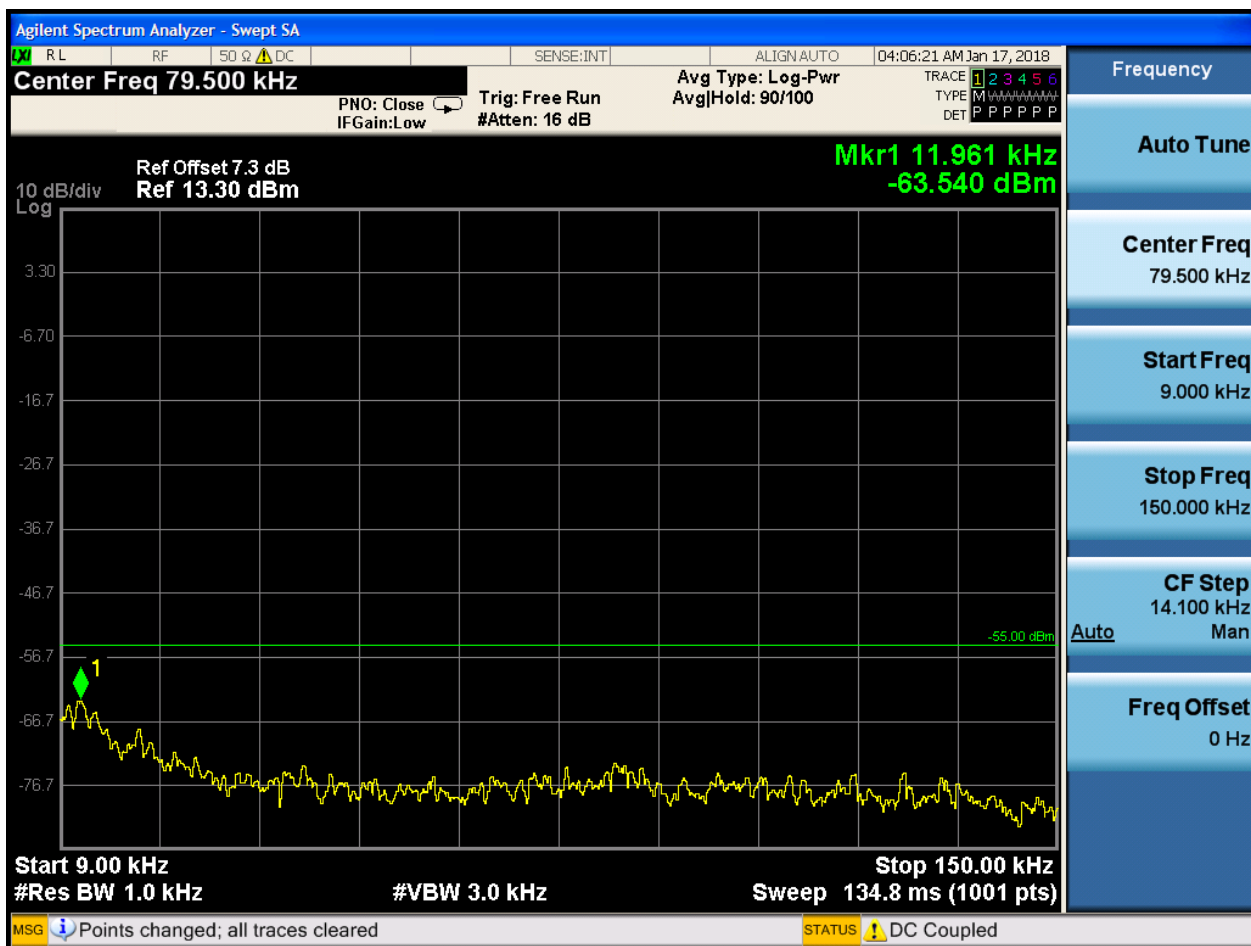


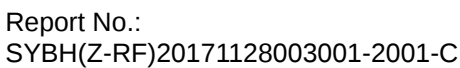




6.1.1.2.1.2 Test Channel = MCH

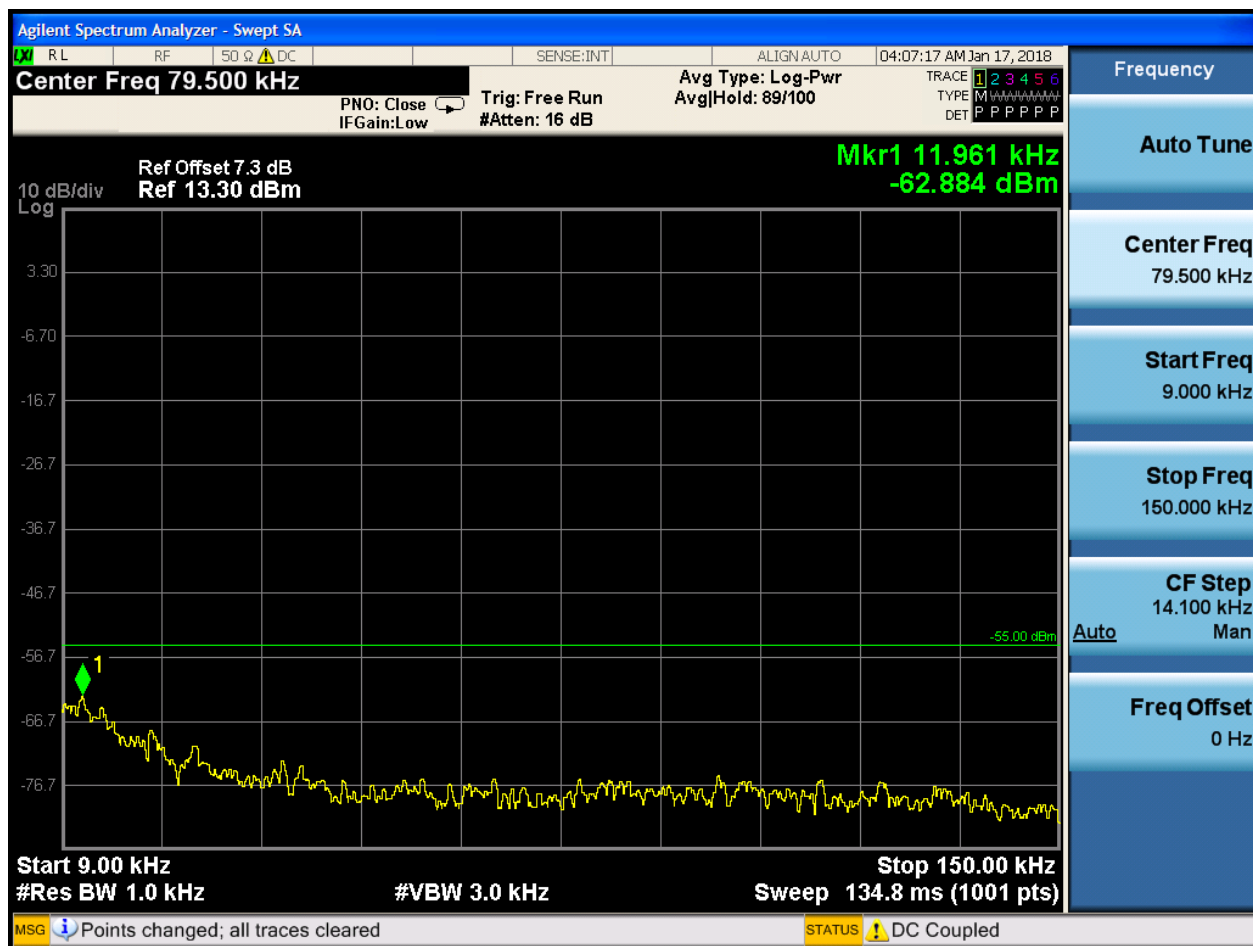
6.1.1.2.1.2.1 Test RB = RB1#0

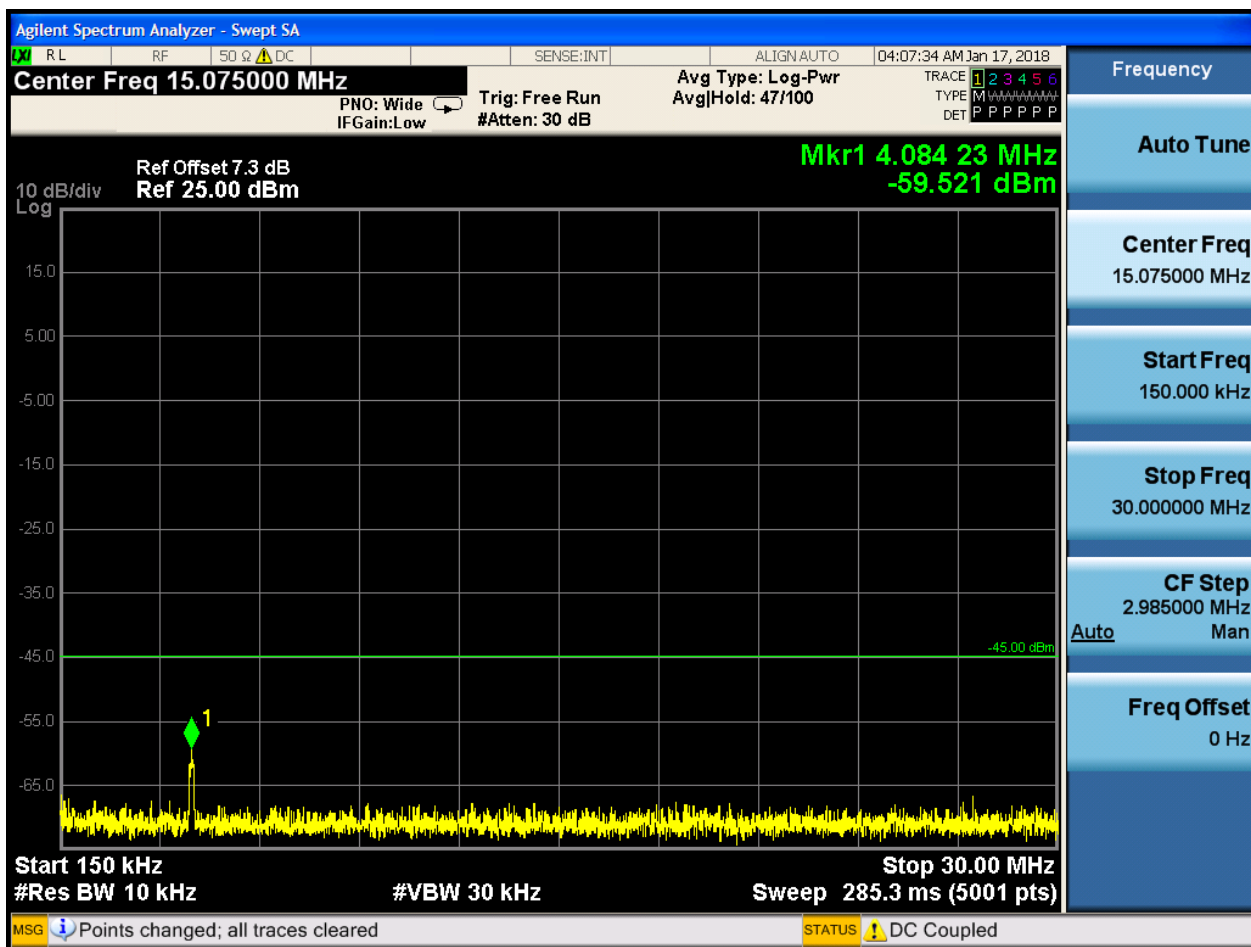


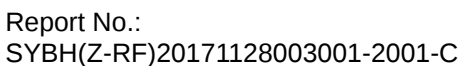


6.1.1.2.1.3 Test Channel = HCH

6.1.1.2.1.3.1 Test RB = RB1#0



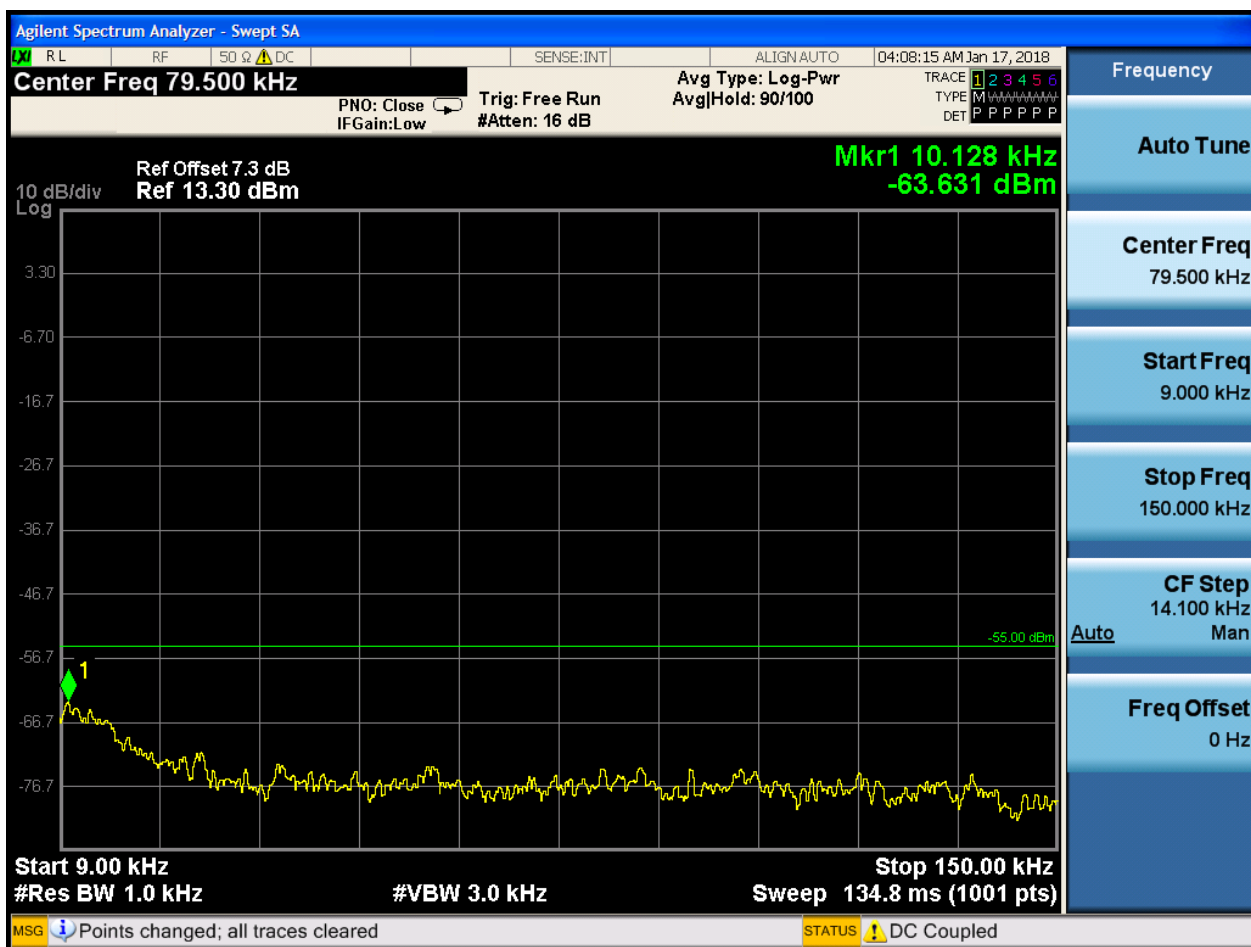


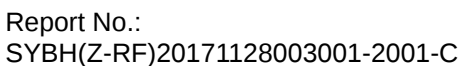


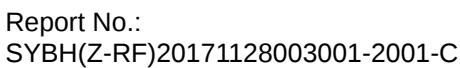
6.1.1.2.2 Test Bandwidth = 10

6.1.1.2.2.1 Test Channel = LCH

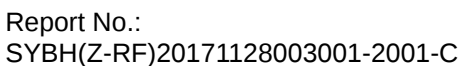
6.1.1.2.2.1.1 Test RB = RB1#0

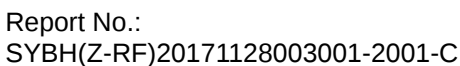






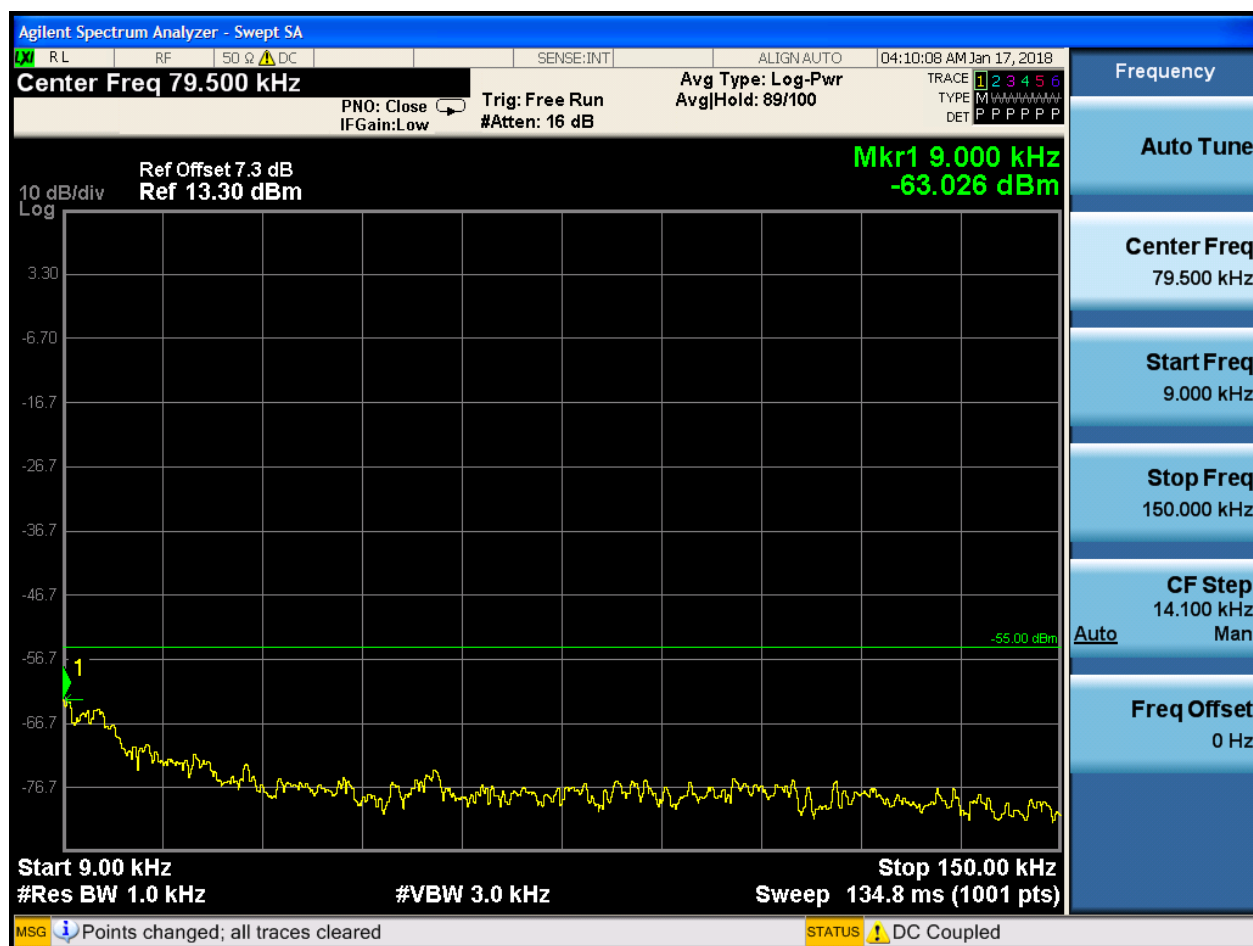


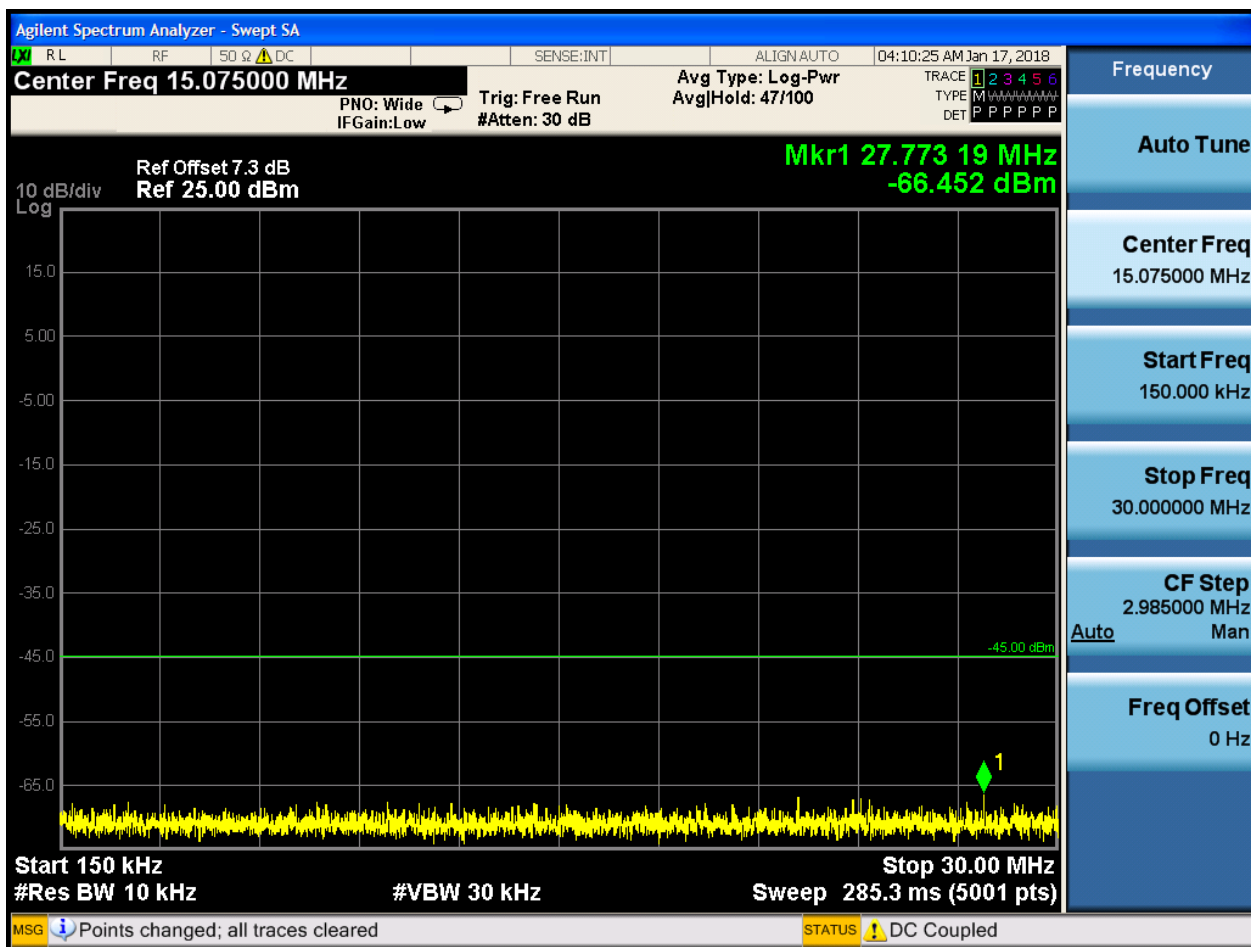


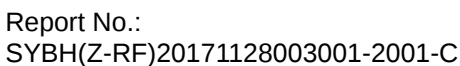


6.1.1.2.2.3 Test Channel = HCH

6.1.1.2.2.3.1 Test RB = RB1#0





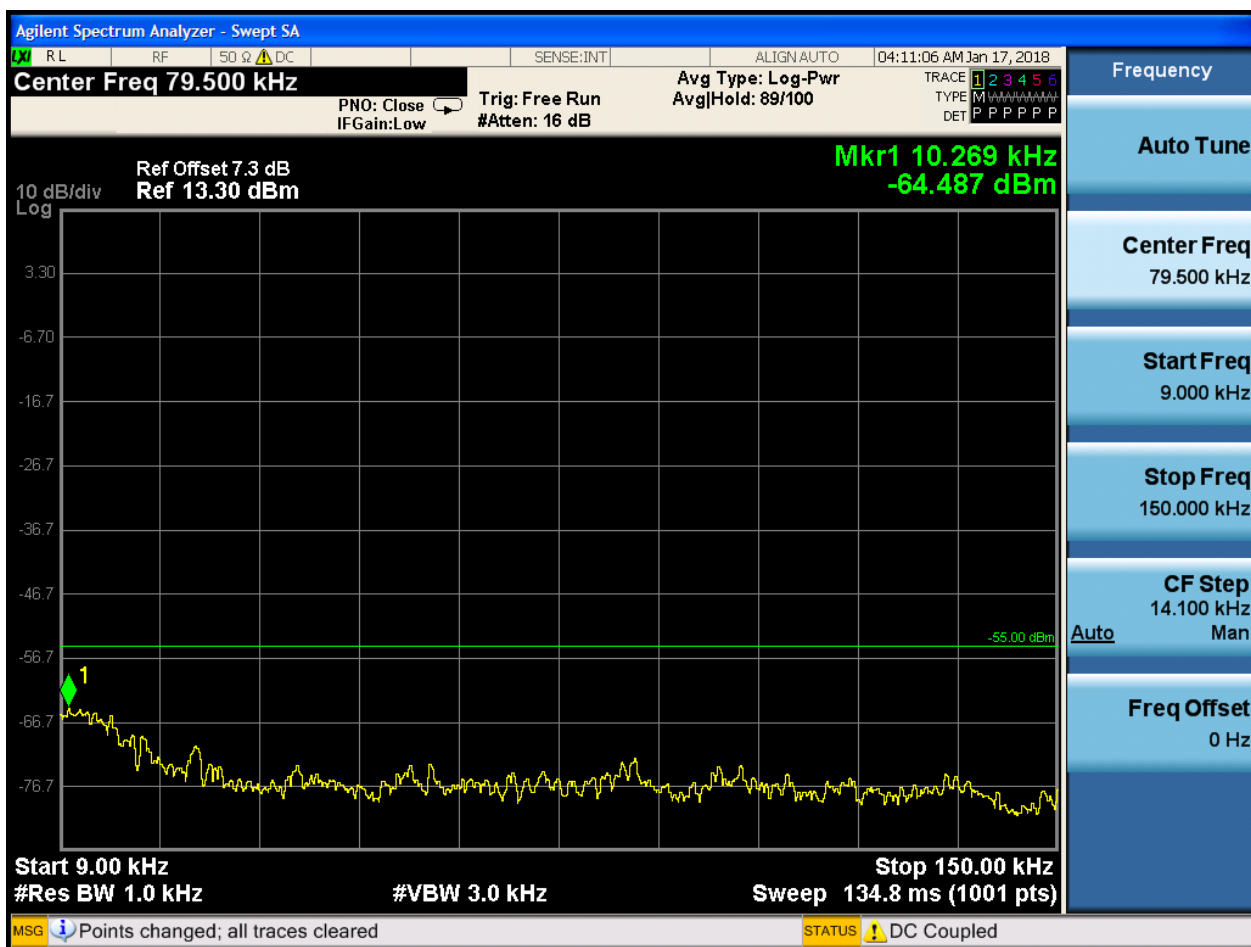


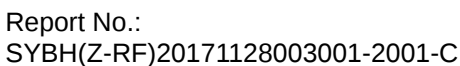


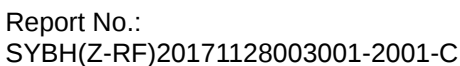
6.1.1.2.3 Test Bandwidth = 15

6.1.1.2.3.1 Test Channel = LCH

6.1.1.2.3.1.1 Test RB = RB1#0

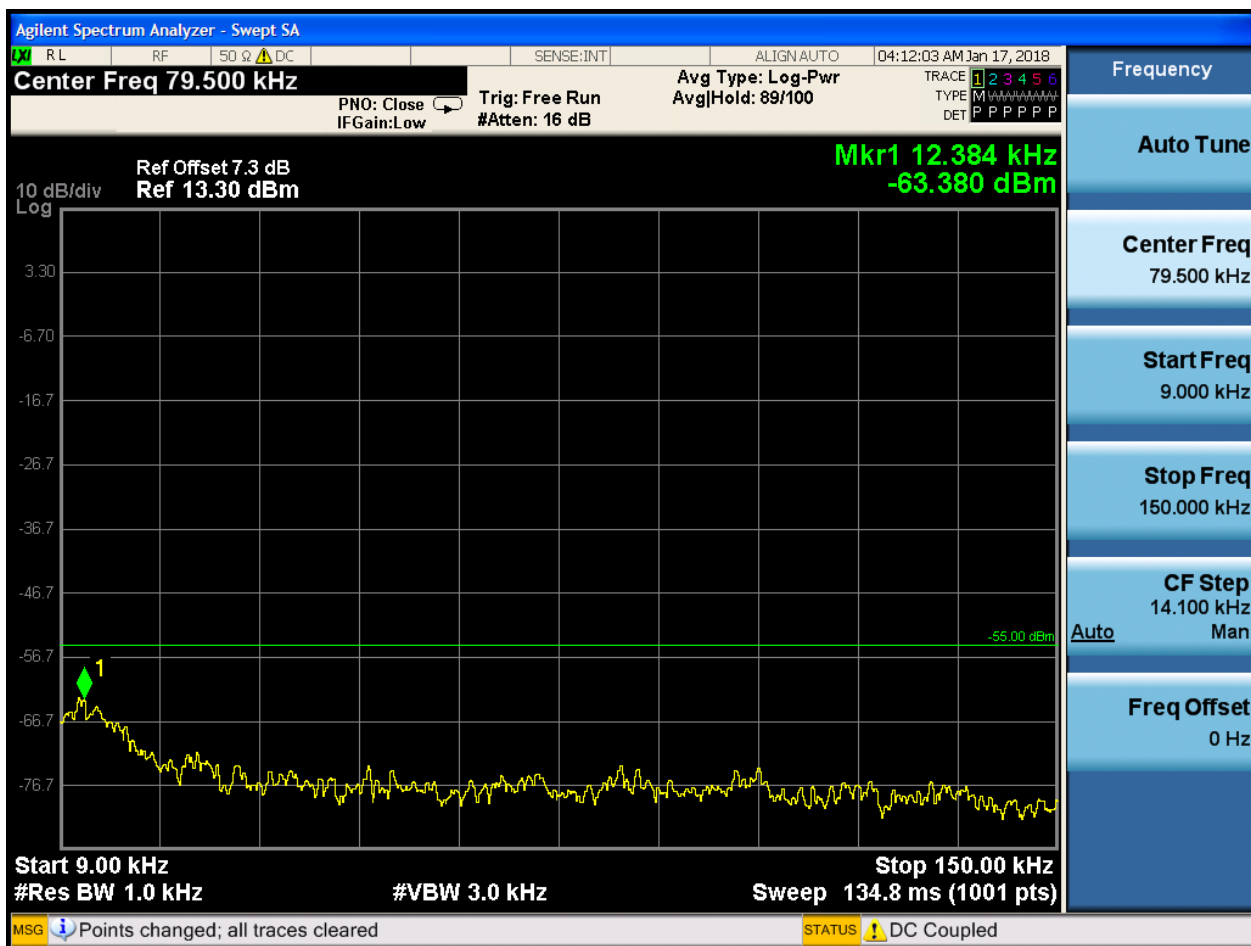


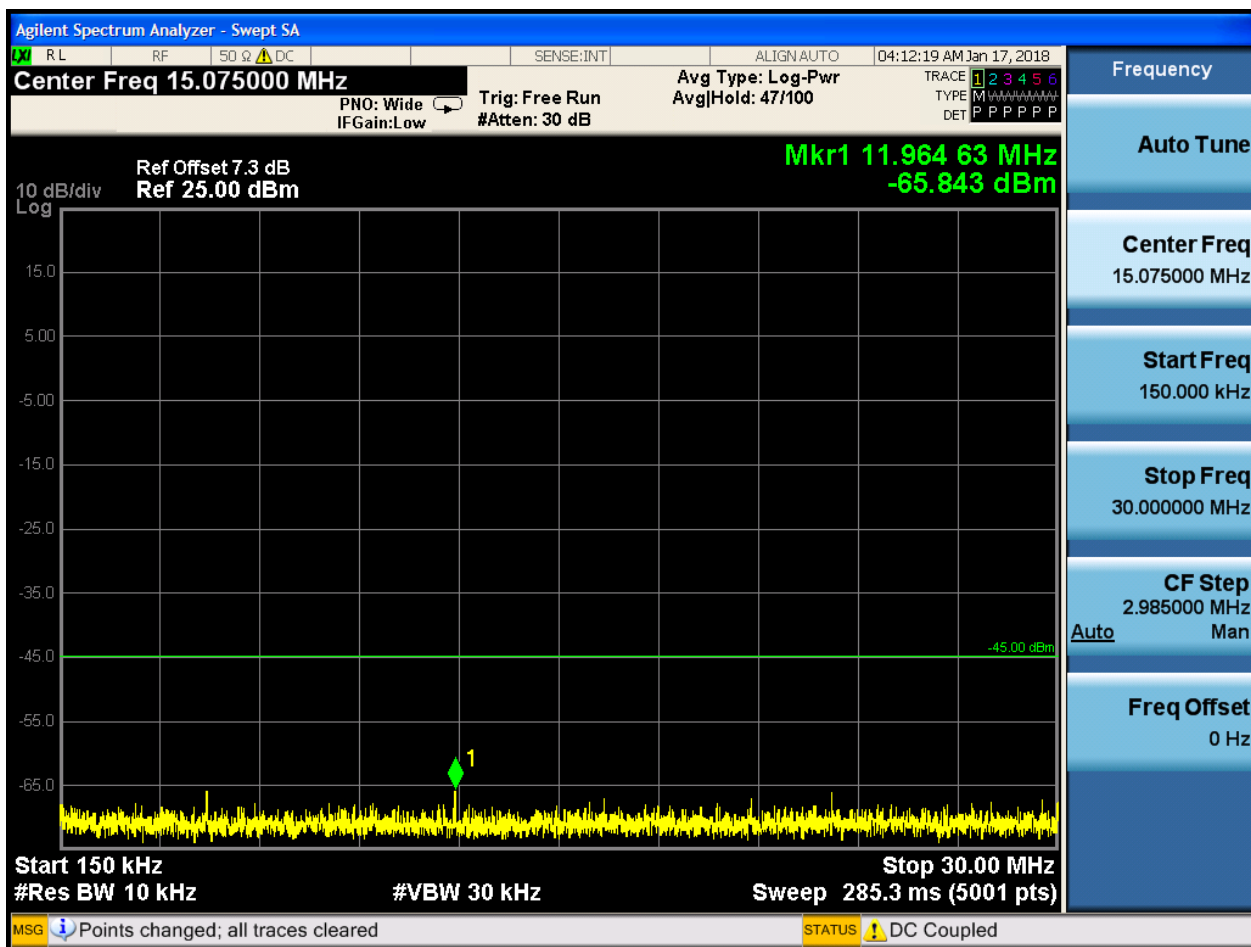


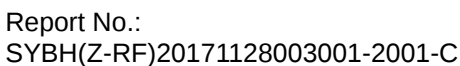


6.1.1.2.3.2 Test Channel = MCH

6.1.1.2.3.2.1 Test RB = RB1#0

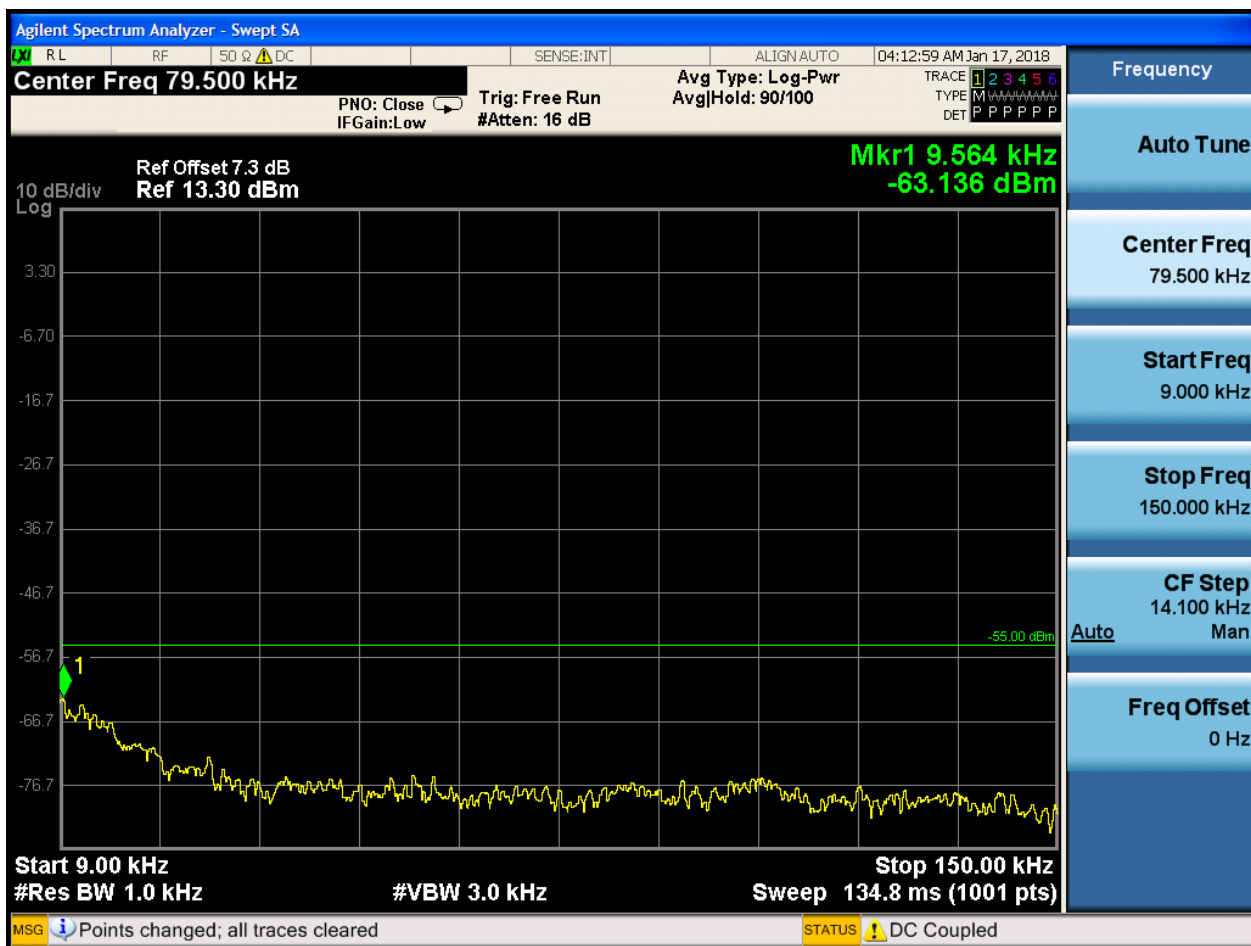


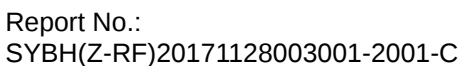




6.1.1.2.3.3 Test Channel = HCH

6.1.1.2.3.3.1 Test RB = RB1#0

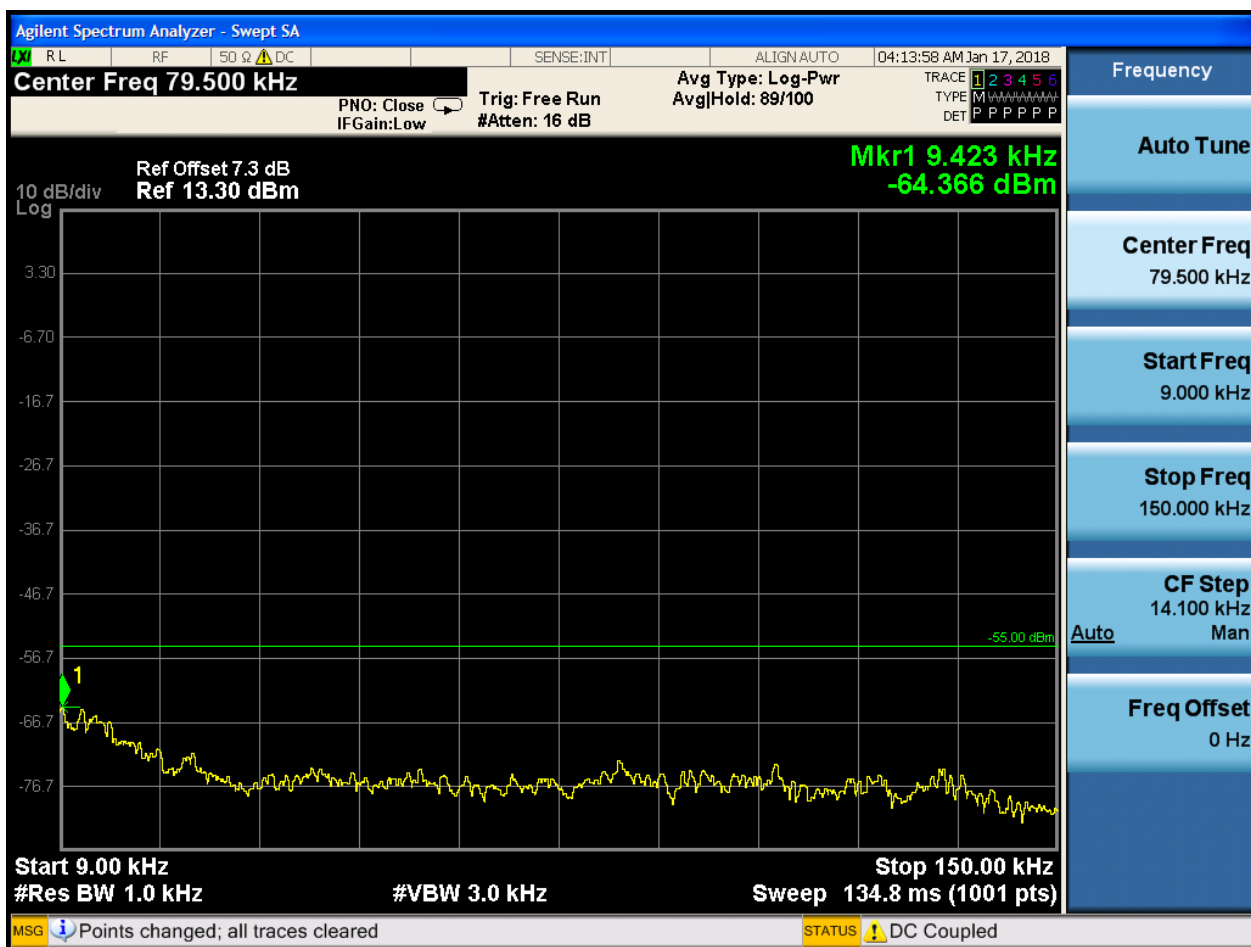


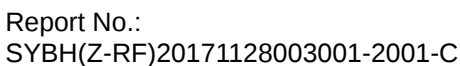


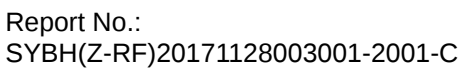
6.1.1.2.4 Test Bandwidth = 20

6.1.1.2.4.1 Test Channel = LCH

6.1.1.2.4.1.1 Test RB = RB1#0

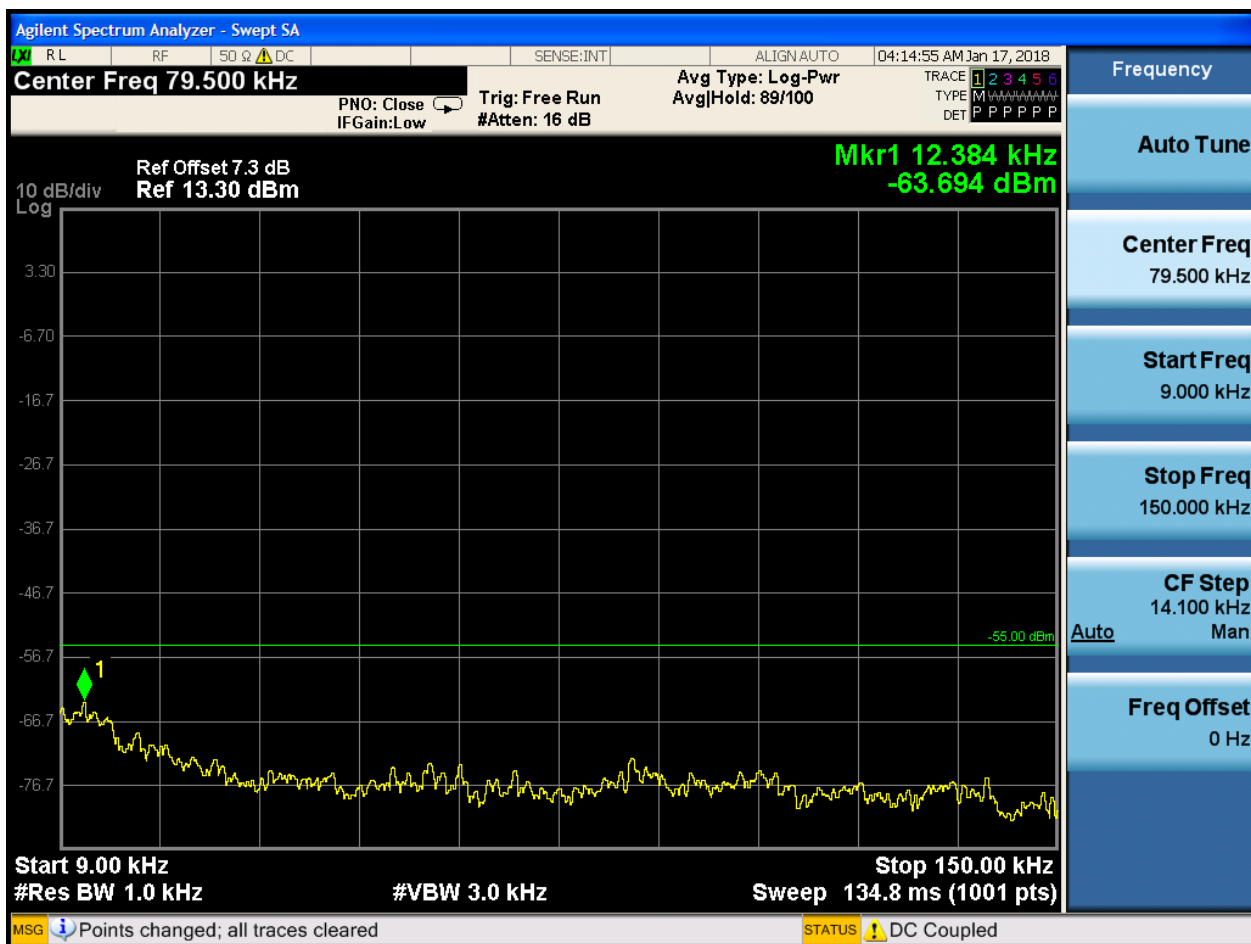


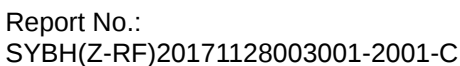


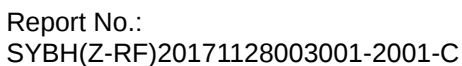


6.1.1.2.4.2 Test Channel = MCH

6.1.1.2.4.2.1 Test RB = RB1#0

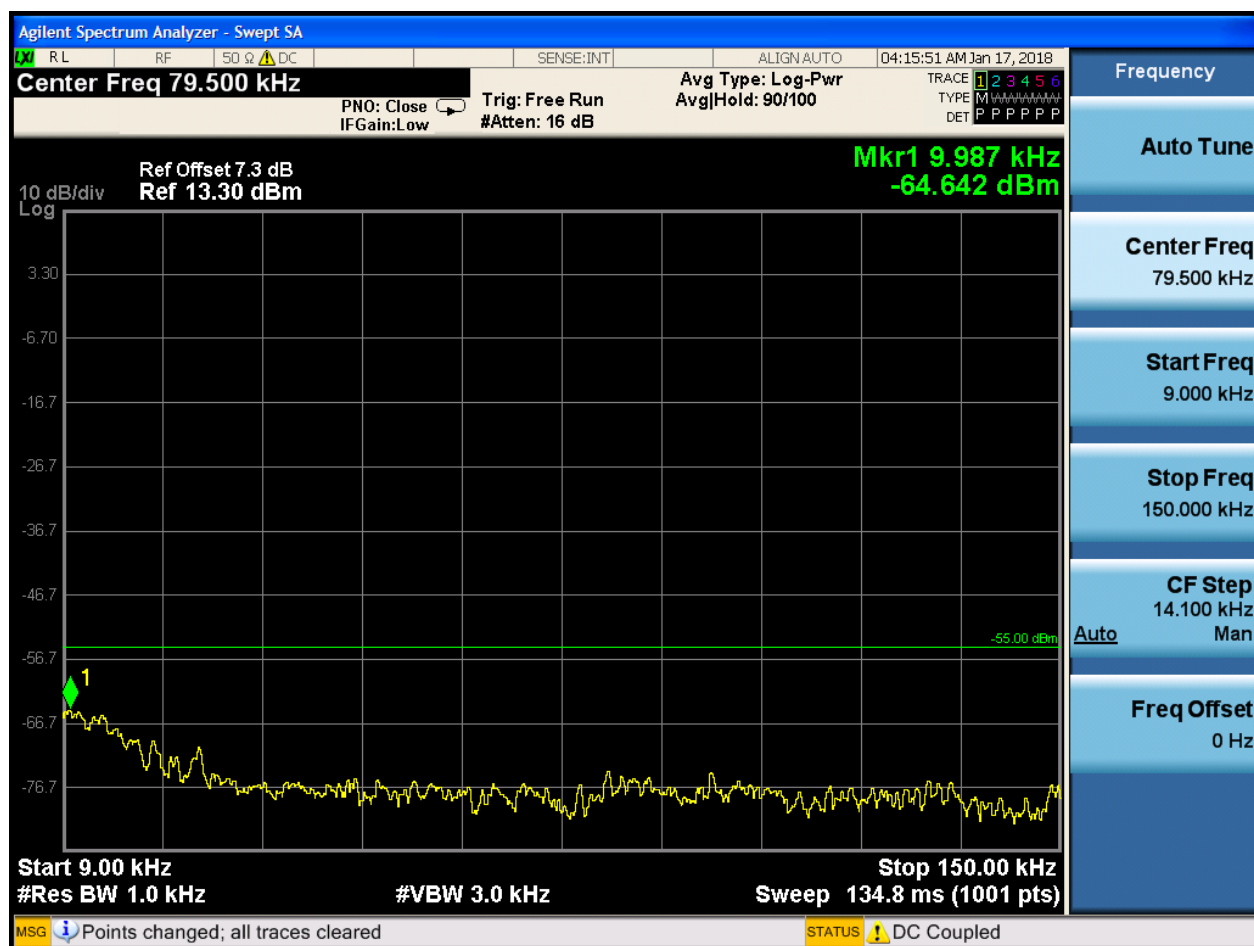


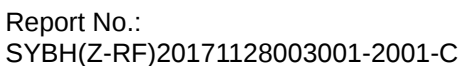


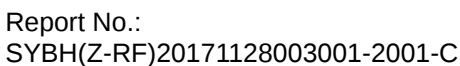


6.1.1.2.4.3 Test Channel = HCH

6.1.1.2.4.3.1 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, RBW = 200Hz, VBW = 600 Hz, Detector: PK

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

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

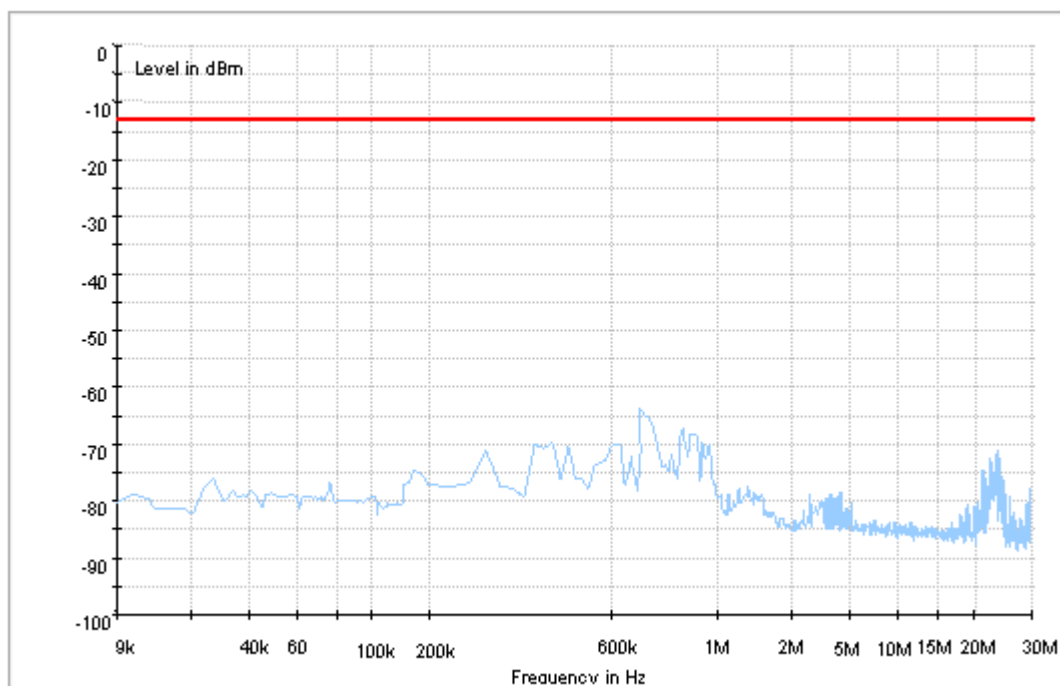
Above 1GHz, RBW = 1 MHz, VBW = 3 MHz. Detector: PK

Part I - Test Plots

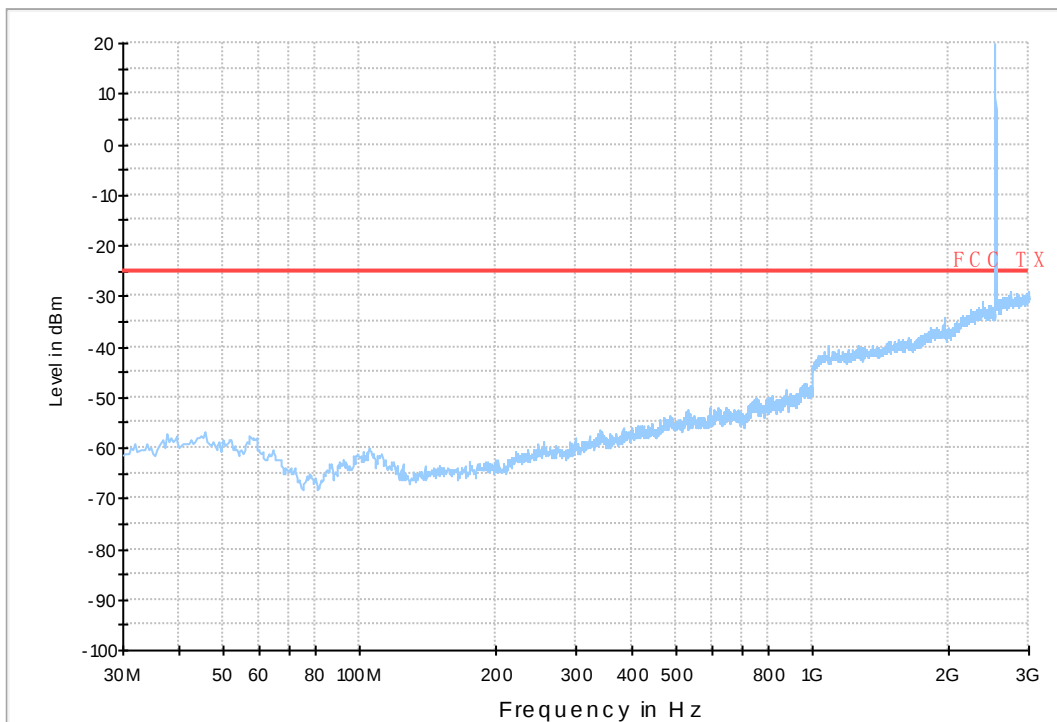
7.1 For LTE

7.1.1 Test Band = BAND7_ANT1

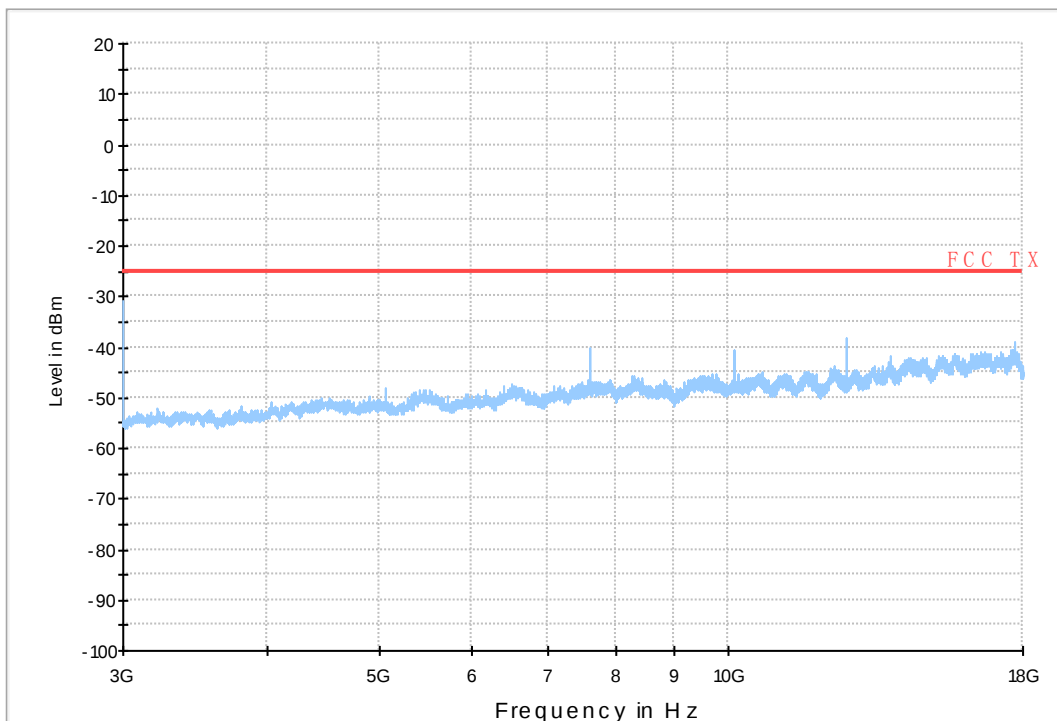
7.1.1.1 Test Bandwidth = 5

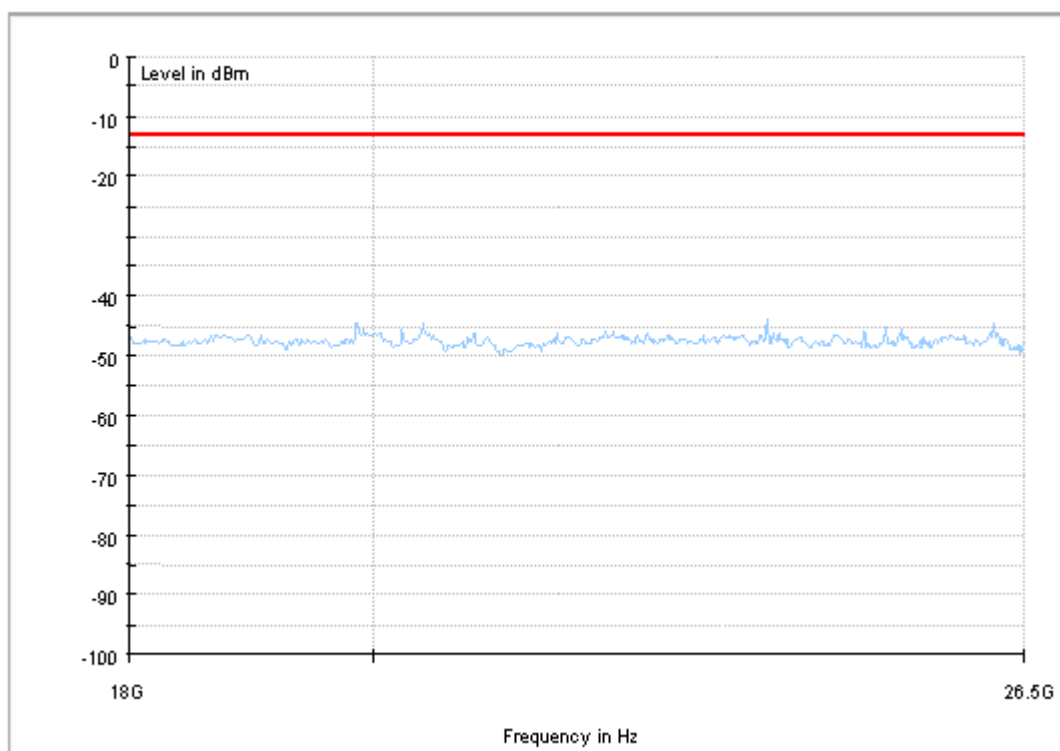


Copy of RSE-TX-DIRECTOR ABOVE 1.5G Limit -25_L

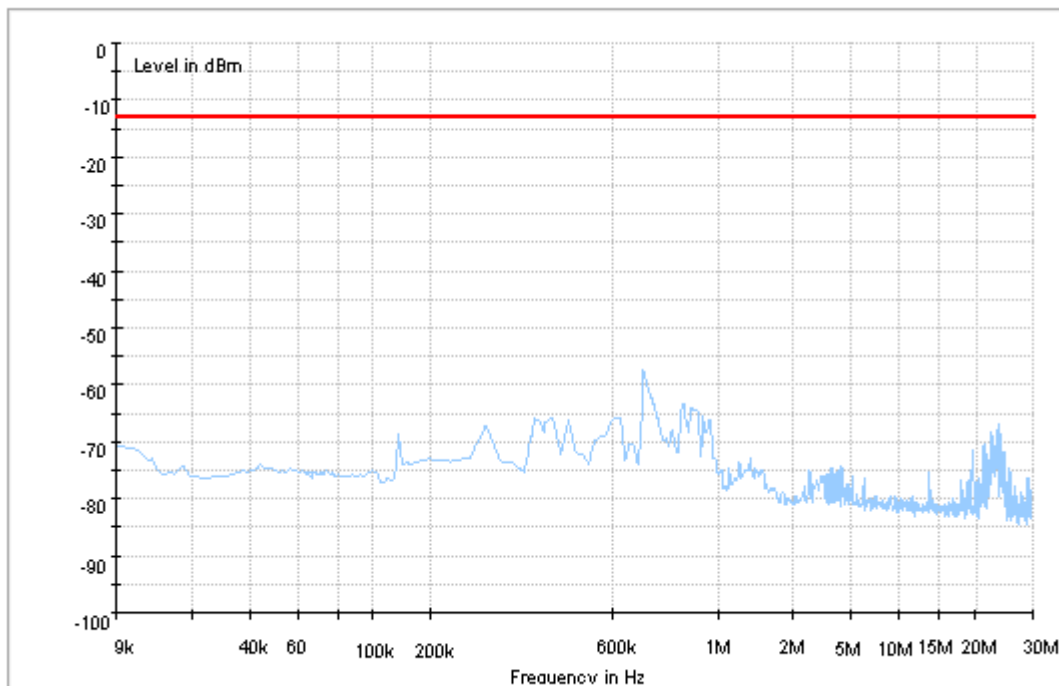


Copy of RSE-TX-DIRECTOR ABOVE 1.5G Limit -25_H

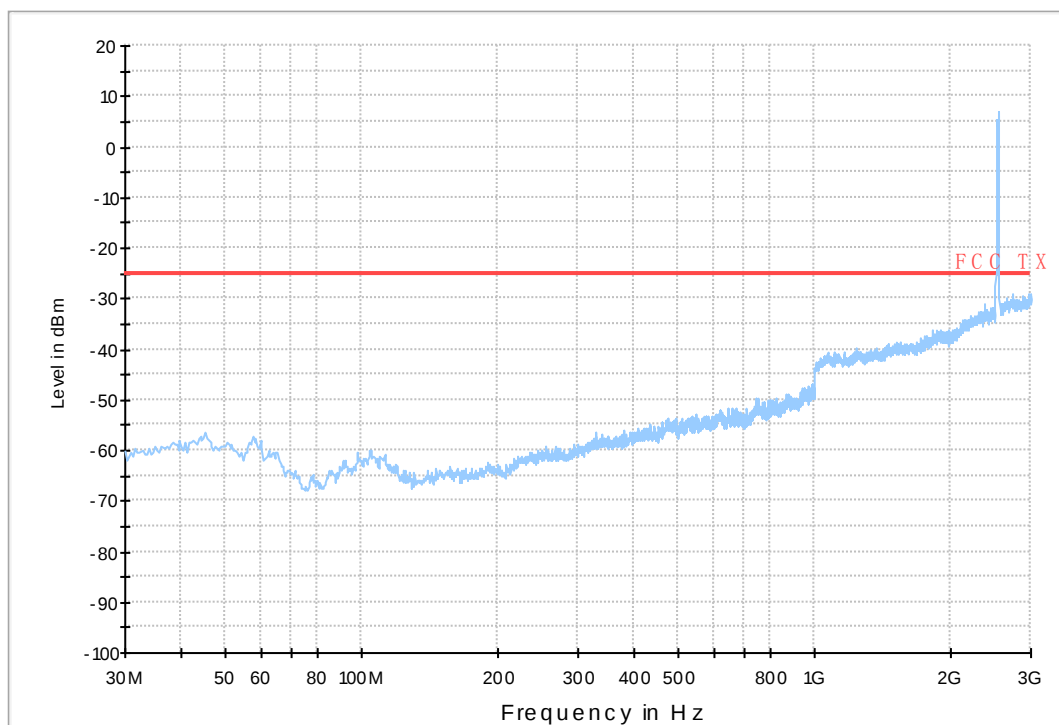




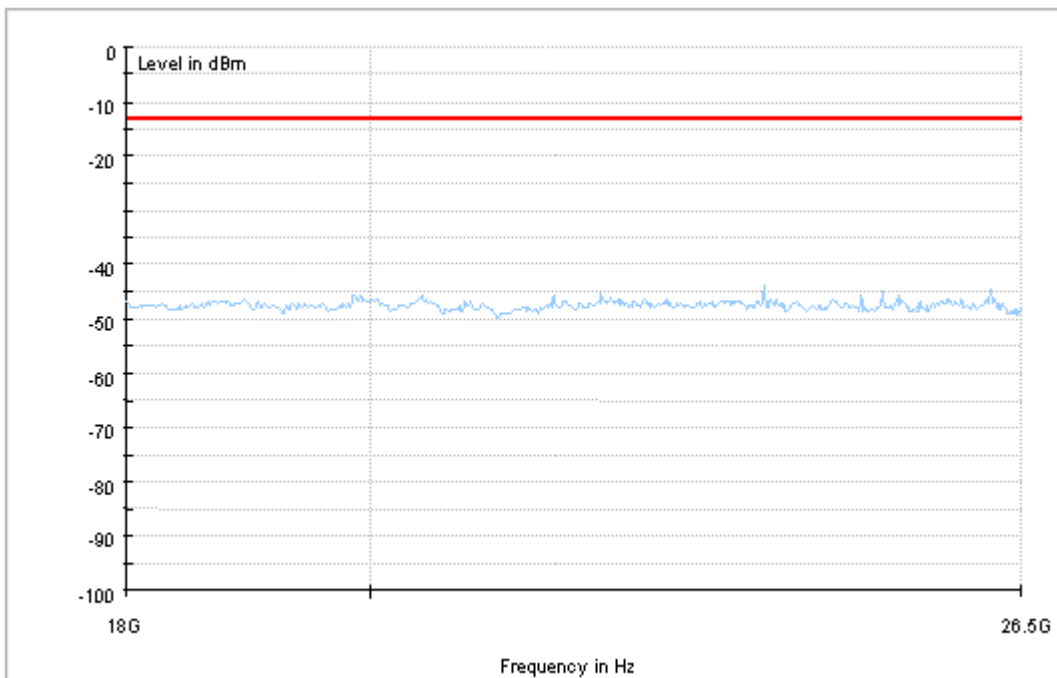
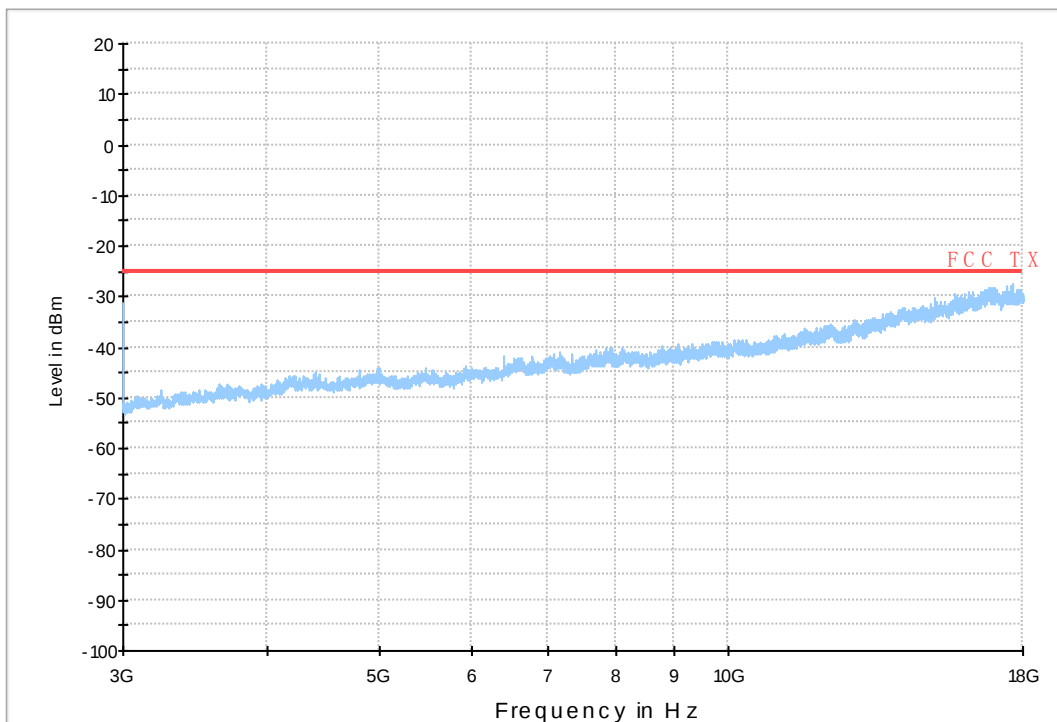
7.1.1.2 Test Bandwidth = 20



Copy of RSE-TX-DIRECTOR ABOVE 1.5G Limit -25_L

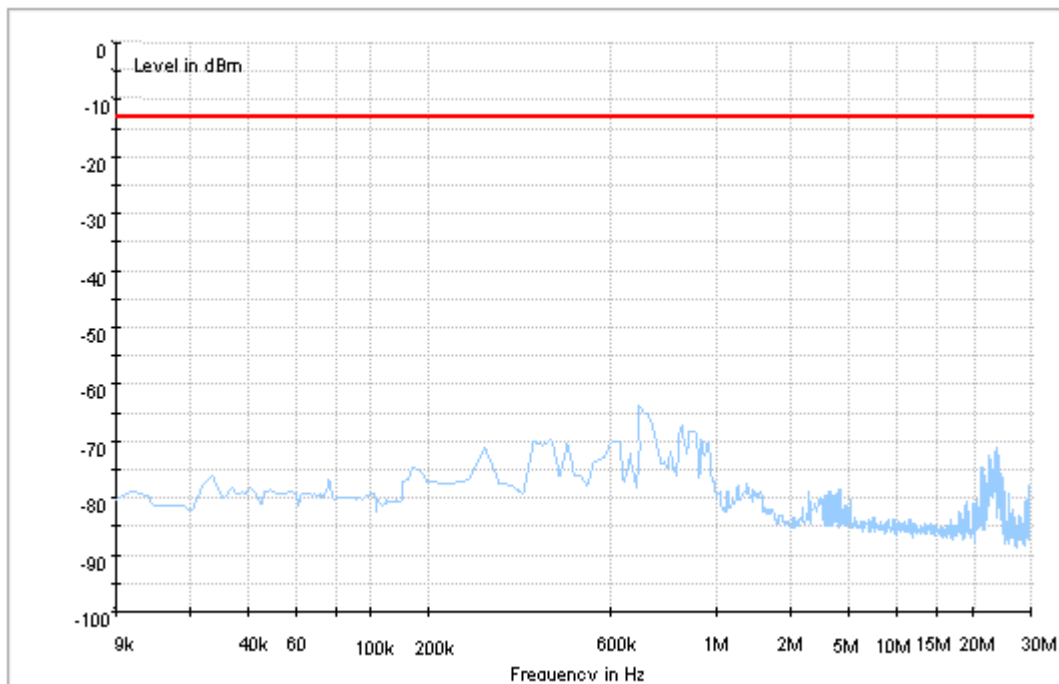


Copy of RSE-TX-DIRECTOR ABOVE 1.5G Limit -25_H

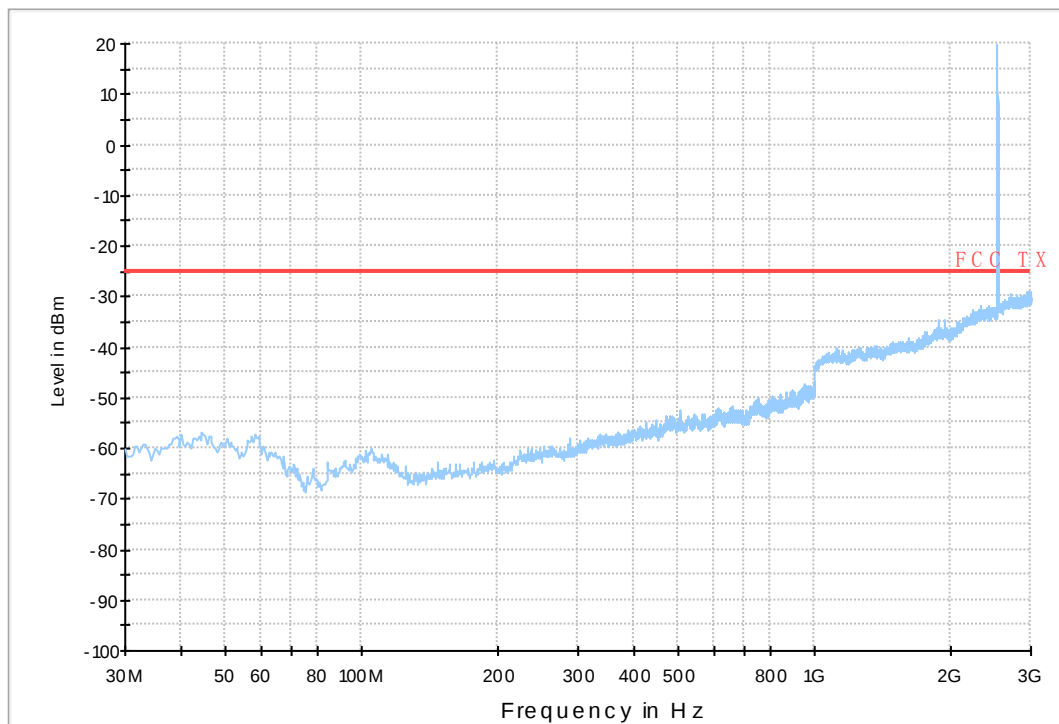


7.1.2 Test Band = BAND7_ANT2

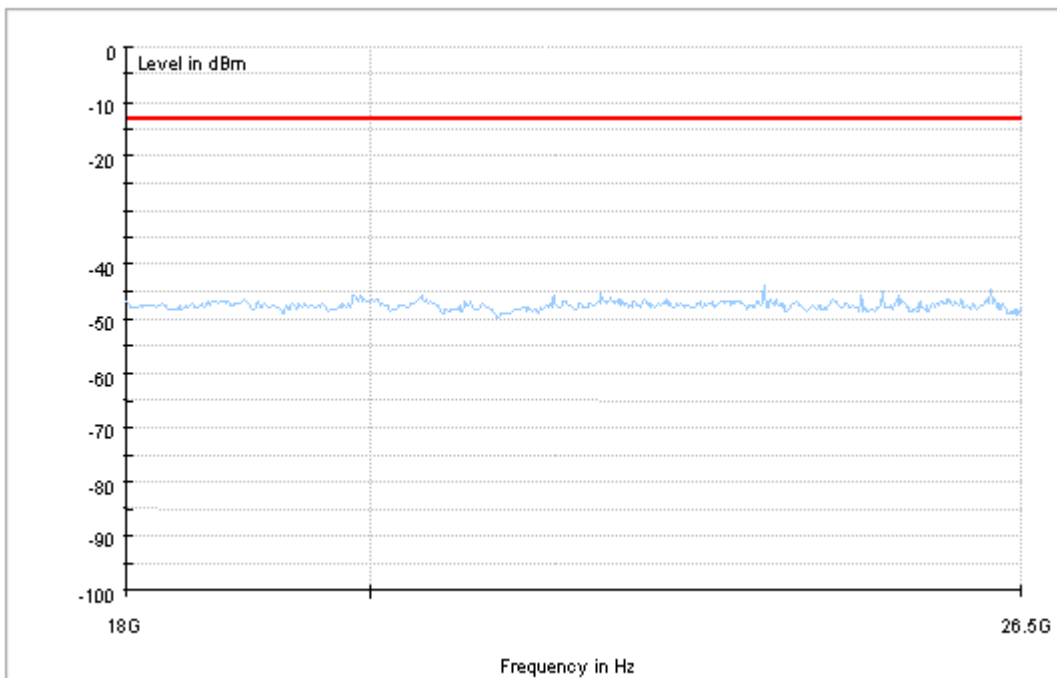
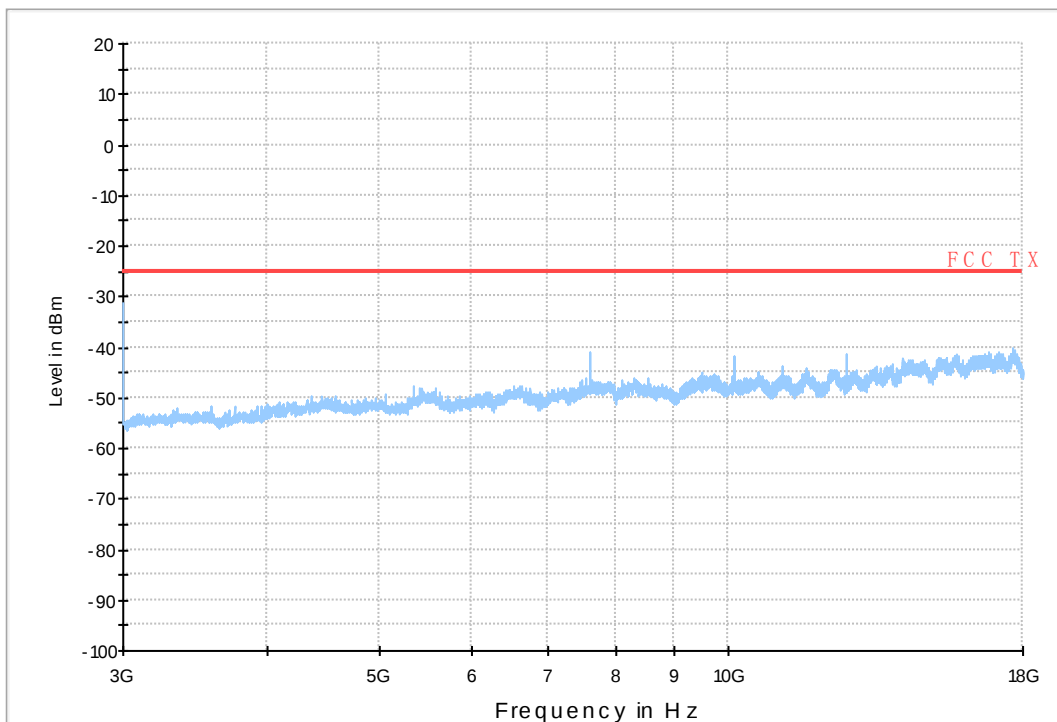
7.1.2.1 Test Bandwidth = 5



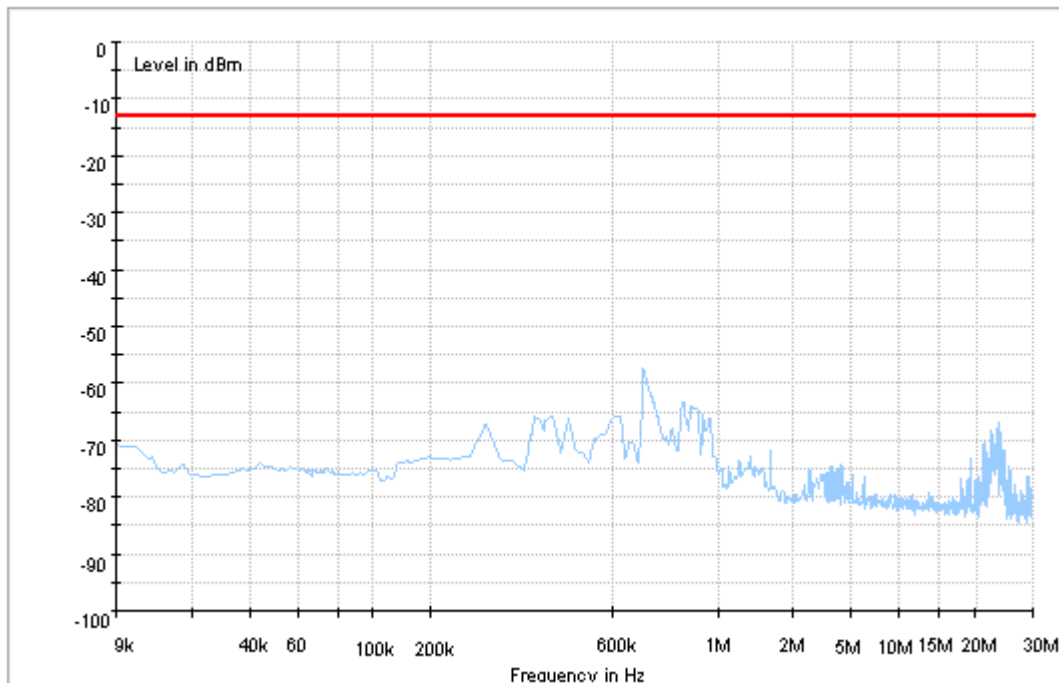
Copy of RSE-TX-DIRECTOR ABOVE 1.5G Limit -25_L



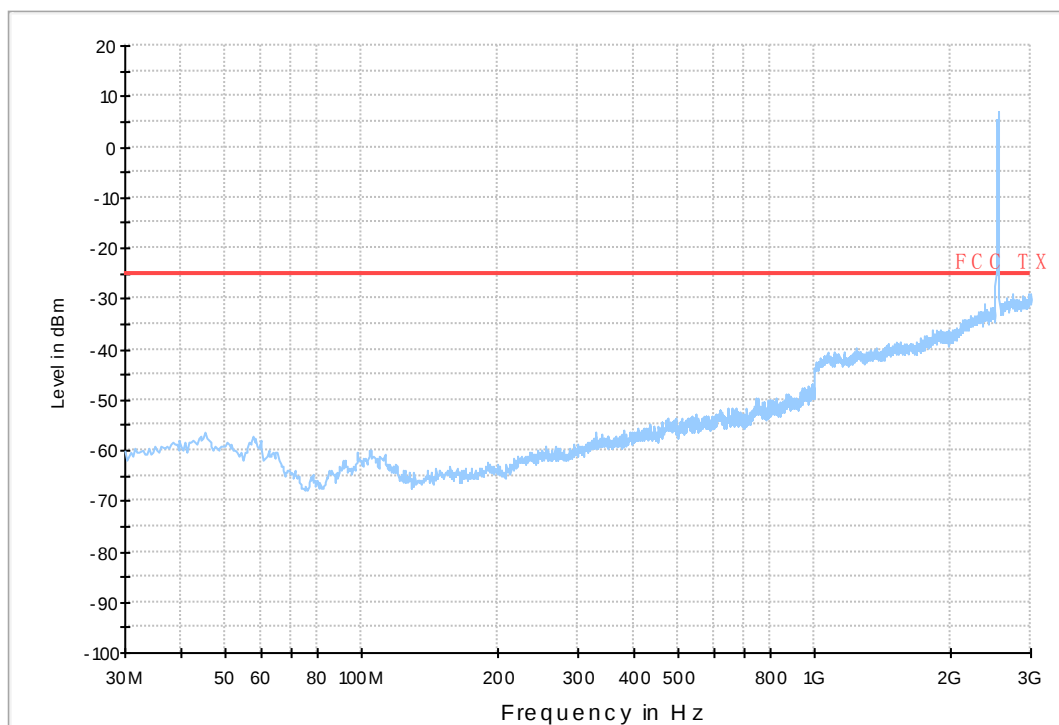
Copy of RSE-TX-DIRECTOR ABOVE 1.5G Limit -25_H



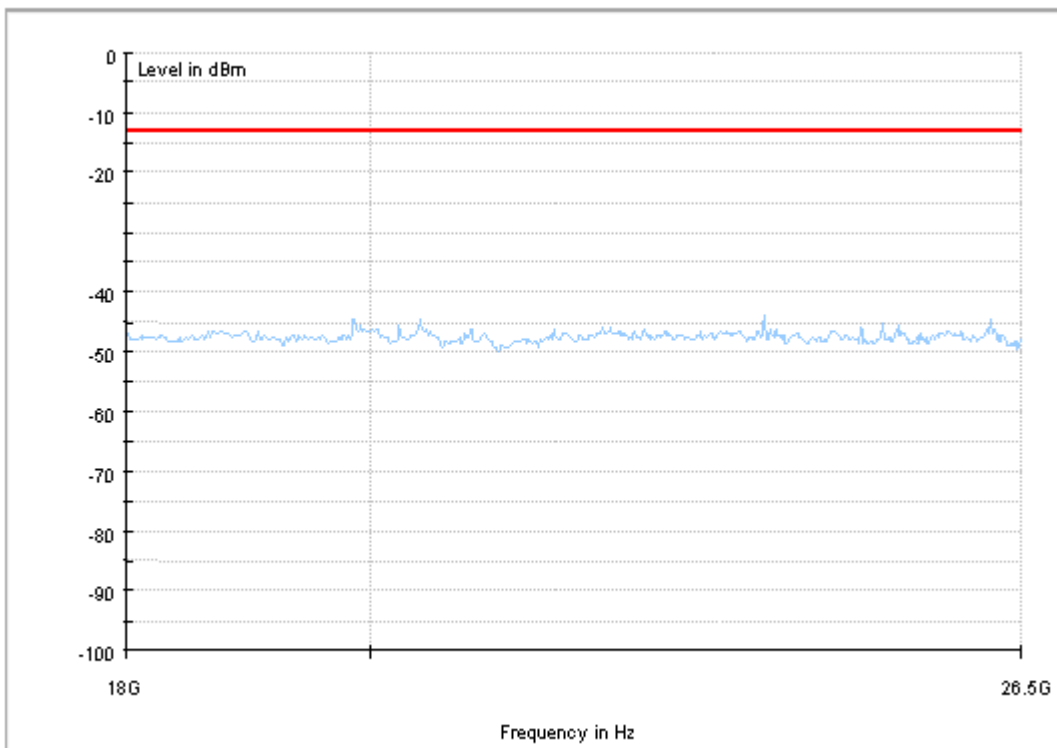
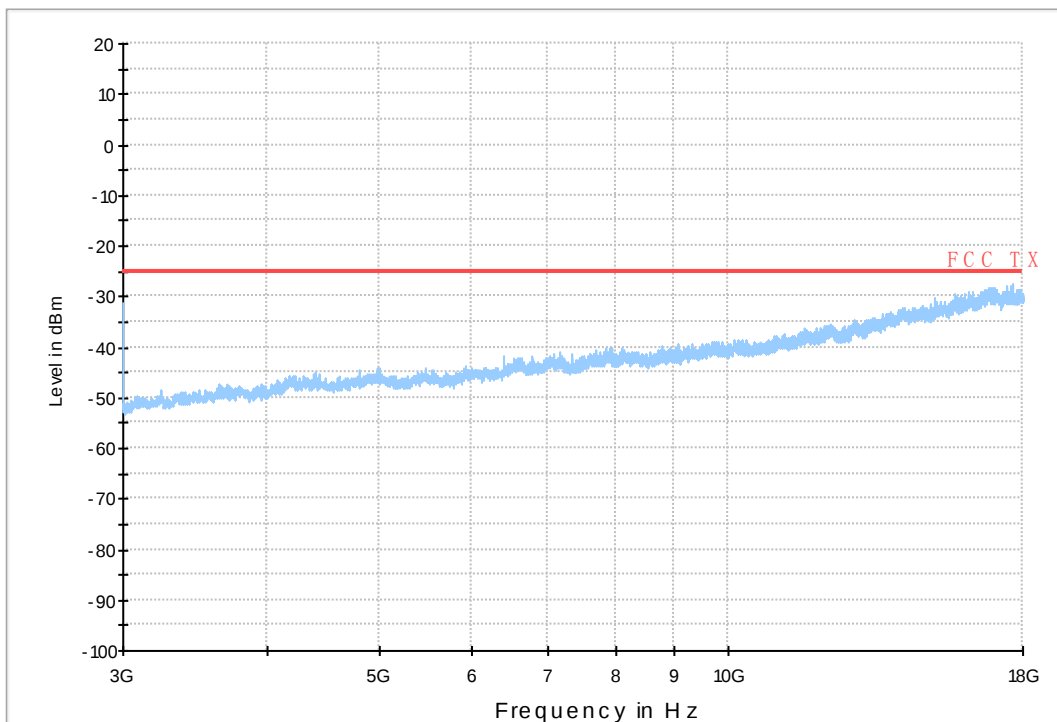
7.1.2.2 Test Bandwidth = 20



Copy of RSE-TX-DIRECTOR ABOVE 1.5G Limit -25_L



Copy of RSE-TX-DIRECTOR ABOVE 1.5G Limit -25_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
BAND7	LTE/TM1	5	LCH	TN	VL	3.09	0.00123	PASS
					VN	5.55	0.00222	PASS
					VH	-0.27	-0.00011	PASS
			MCH	TN	VL	4.35	0.00172	PASS
					VN	-34.15	-0.01347	PASS
					VH	2.16	0.00085	PASS
			HCH	TN	VL	-3.86	-0.0015	PASS
					VN	-2.40	-0.00093	PASS
					VH	-6.74	-0.00263	PASS
		10	LCH	TN	VL	5.28	0.00211	PASS
					VN	-0.43	-0.00017	PASS
					VH	1.19	0.00048	PASS
			MCH	TN	VL	1.16	0.00046	PASS
					VN	3.75	0.00148	PASS
					VH	1.47	0.00058	PASS
			HCH	TN	VL	-1.69	-0.00066	PASS
					VN	-10.50	-0.00409	PASS
					VH	-1.76	-0.00069	PASS
		15	LCH	TN	VL	0.41	0.00016	PASS
					VN	-2.00	-0.0008	PASS
					VH	-2.45	-0.00098	PASS
			MCH	TN	VL	1.34	0.00053	PASS
					VN	0.46	0.00018	PASS
					VH	0.96	0.00038	PASS
			HCH	TN	VL	-10.26	-0.004	PASS
					VN	-4.32	-0.00169	PASS
					VH	-6.41	-0.0025	PASS
		20	LCH	TN	VL	-0.39	-0.00016	PASS

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					VN	0.31	0.00012	PASS
					VH	0.79	0.00031	PASS
					VL	1.24	0.00049	PASS
					VN	0.54	0.00021	PASS
					VH	-0.74	-0.00029	PASS
					VL	1.76	0.00069	PASS
			MCH	TN	VN	-0.46	-0.00018	PASS
					VH	-1.16	-0.00045	PASS
					VL	3.23	0.00129	PASS
					VN	-2.30	-0.00092	PASS
					VH	-0.51	-0.0002	PASS
					VL	-10.44	-0.00412	PASS
	LTE/TM2	5	LCH	TN	VN	0.63	0.00025	PASS
					VH	-21.47	-0.00847	PASS
					VL	-4.59	-0.00179	PASS
					VN	-2.90	-0.00113	PASS
					VH	-8.63	-0.00336	PASS
					VL	4.38	0.00175	PASS
			MCH	TN	VN	-0.30	-0.00012	PASS
					VH	-1.63	-0.00065	PASS
					VL	-1.09	-0.00043	PASS
					VN	-19.15	-0.00755	PASS
					VH	-21.66	-0.00854	PASS
					VL	-6.15	-0.0024	PASS
		10	HCH	TN	VN	-2.83	-0.0011	PASS
					VH	2.07	0.00081	PASS
					VL	0.74	0.0003	PASS
					VN	-1.10	-0.00044	PASS
					VH	-0.43	-0.00017	PASS
					VL	0.77	0.0003	PASS
			MCH	TN	VN	0.67	0.00026	PASS
					VH	1.24	0.00049	PASS
					VL	-4.58	-0.00179	PASS
					VN	-3.39	-0.00132	PASS
					VH	-6.55	-0.00256	PASS
					VL	3.05	0.00122	PASS
		15	LCH	TN	VN	-1.44	-0.00057	PASS
					VH	-2.63	-0.00105	PASS
					VL	0.17	0.00007	PASS
		20	MCH	TN	VL	0.17	0.00007	PASS

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					VN	0.06	0.00002	PASS
					VH	-1.89	-0.00075	PASS
			HCH	TN	VL	-0.43	-0.00017	PASS
					VN	-1.20	-0.00047	PASS
					VH	0.17	0.00007	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
BAND7	LTE/TM1	5	LCH	VN	-30	4.61	0.00184	PASS
					-20	1.00	0.0004	PASS
					-10	-0.01	0	PASS
					0	0.46	0.00018	PASS
					10	-0.56	-0.00022	PASS
					20	-1.87	-0.00075	PASS
					30	-1.27	-0.00051	PASS
					40	-0.31	-0.00012	PASS
					50	-1.54	-0.00062	PASS
			MCH	VN	-30	-1.77	-0.0007	PASS
					-20	-28.51	-0.01125	PASS
					-10	-11.44	-0.00451	PASS
					0	-13.26	-0.00523	PASS
					10	-11.37	-0.00449	PASS
					20	-17.42	-0.00687	PASS
					30	1.04	0.00041	PASS
					40	2.26	0.00089	PASS
					50	-3.33	-0.00131	PASS
			HCH	VN	-30	0.49	0.00019	PASS
					-20	-2.82	-0.0011	PASS
					-10	-1.95	-0.00076	PASS
					0	-14.19	-0.00553	PASS
					10	-6.69	-0.00261	PASS
					20	-19.58	-0.00763	PASS
					30	-1.56	-0.00061	PASS
					40	-1.07	-0.00042	PASS
					50	-5.46	-0.00213	PASS
		10	LCH	VN	-30	7.98	0.00319	PASS

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp .	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					-20	-2.29	-0.00091	PASS
					-10	-1.13	-0.00045	PASS
					0	1.63	0.00065	PASS
					10	0.89	0.00036	PASS
					20	-1.54	-0.00061	PASS
					30	0.29	0.00012	PASS
					40	1.20	0.00048	PASS
					50	-0.79	-0.00032	PASS
			MCH	VN	-30	-10.17	-0.00401	PASS
					-20	2.12	0.00084	PASS
					-10	2.32	0.00092	PASS
					0	0.49	0.00019	PASS
					10	-2.65	-0.00105	PASS
					20	-19.27	-0.0076	PASS
					30	-12.15	-0.00479	PASS
					40	1.23	0.00049	PASS
					50	1.30	0.00051	PASS
			HCH	VN	-30	0.44	0.00017	PASS
					-20	-8.08	-0.00315	PASS
					-10	-6.49	-0.00253	PASS
					0	-4.56	-0.00178	PASS
					10	0.30	0.00012	PASS
					20	0.67	0.00026	PASS
					30	-1.77	-0.00069	PASS
					40	-2.92	-0.00114	PASS
					50	-2.19	-0.00085	PASS
		15	LCH	VN	-30	4.84	0.00193	PASS
					-20	1.86	0.00074	PASS
					-10	-0.37	-0.00015	PASS
					0	-0.86	-0.00034	PASS
					10	-2.10	-0.00084	PASS
					20	0.00	0	PASS
					30	1.12	0.00045	PASS
					40	0.53	0.00021	PASS
					50	-0.84	-0.00033	PASS
			MCH	VN	-30	0.60	0.00024	PASS
					-20	1.03	0.00041	PASS
					-10	-1.02	-0.0004	PASS
					0	-5.99	-0.00236	PASS

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp .	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					10	0.06	0.00002	PASS
					20	2.03	0.0008	PASS
					30	0.09	0.00004	PASS
					40	1.75	0.00069	PASS
					50	0.20	0.00008	PASS
			HCH	VN	-30	-0.86	-0.00034	PASS
					-20	-4.99	-0.00195	PASS
					-10	-4.19	-0.00164	PASS
					0	-2.90	-0.00113	PASS
					10	-2.13	-0.00083	PASS
					20	-3.75	-0.00146	PASS
					30	0.03	0.00001	PASS
					40	-2.32	-0.00091	PASS
					50	-0.40	-0.00016	PASS
		20	LCH	VN	-30	4.06	0.00162	PASS
					-20	-3.16	-0.00126	PASS
					-10	-2.02	-0.0008	PASS
					0	-1.52	-0.00061	PASS
					10	-1.32	-0.00053	PASS
					20	-1.10	-0.00044	PASS
					30	-1.65	-0.00066	PASS
					40	-1.03	-0.00041	PASS
					50	-0.24	-0.0001	PASS
			MCH	VN	-30	1.89	0.00075	PASS
					-20	0.17	0.00007	PASS
					-10	0.03	0.00001	PASS
					0	0.69	0.00027	PASS
					10	-0.96	-0.00038	PASS
					20	1.79	0.00071	PASS
					30	0.92	0.00036	PASS
					40	-1.49	-0.00059	PASS
					50	1.17	0.00046	PASS
			HCH	VN	-30	-2.57	-0.001	PASS
					-20	2.63	0.00103	PASS
					-10	0.00	0	PASS
					0	0.69	0.00027	PASS
					10	1.63	0.00064	PASS
					20	-0.74	-0.00029	PASS
					30	1.12	0.00044	PASS

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp .	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
	LTE/TM2	5			40	3.85	0.0015	PASS
					50	1.07	0.00042	PASS
			LCH	VN	-30	3.86	0.00154	PASS
					-20	2.82	0.00113	PASS
					-10	1.26	0.0005	PASS
					0	6.72	0.00269	PASS
					10	1.53	0.00061	PASS
					20	0.51	0.0002	PASS
					30	-1.63	-0.00065	PASS
					40	3.59	0.00143	PASS
					50	3.22	0.00129	PASS
			MCH	VN	-30	-1.17	-0.00046	PASS
					-20	1.57	0.00062	PASS
					-10	-1.00	-0.00039	PASS
					0	-2.09	-0.00082	PASS
					10	-24.85	-0.0098	PASS
					20	1.59	0.00063	PASS
					30	0.46	0.00018	PASS
					40	-3.98	-0.00157	PASS
					50	1.52	0.0006	PASS
			HCH	VN	-30	-19.37	-0.00754	PASS
					-20	-14.25	-0.00555	PASS
					-10	-4.09	-0.00159	PASS
					0	-2.20	-0.00086	PASS
					10	-3.45	-0.00134	PASS
					20	-2.86	-0.00111	PASS
					30	7.28	0.00284	PASS
					40	-1.17	-0.00046	PASS
					50	0.99	0.00039	PASS
		10	LCH	VN	-30	4.13	0.00165	PASS
					-20	-1.02	-0.00041	PASS
					-10	0.17	0.00007	PASS
					0	-1.52	-0.00061	PASS
					10	-3.06	-0.00122	PASS
					20	0.06	0.00002	PASS
					30	-0.73	-0.00029	PASS
					40	1.47	0.00059	PASS
					50	-0.13	-0.00005	PASS
			MCH	VN	-30	-9.08	-0.00358	PASS

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp .	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					-20	-12.43	-0.0049	PASS
					-10	-0.31	-0.00012	PASS
					0	1.10	0.00043	PASS
					10	-10.74	-0.00424	PASS
					20	-12.80	-0.00505	PASS
					30	-2.63	-0.00104	PASS
					40	-11.90	-0.00469	PASS
					50	1.34	0.00053	PASS
			HCH	VN	-30	-3.16	-0.00123	PASS
					-20	-1.85	-0.00072	PASS
					-10	-4.88	-0.0019	PASS
					0	-3.68	-0.00143	PASS
					10	-0.96	-0.00037	PASS
					20	-4.21	-0.00164	PASS
					30	-2.36	-0.00092	PASS
					40	-2.09	-0.00081	PASS
					50	-1.43	-0.00056	PASS
		15	LCH	VN	-30	4.73	0.00189	PASS
					-20	2.76	0.0011	PASS
					-10	-3.10	-0.00124	PASS
					0	1.76	0.0007	PASS
					10	-1.72	-0.00069	PASS
					20	0.00	0	PASS
					30	0.56	0.00022	PASS
					40	-1.09	-0.00043	PASS
					50	-0.67	-0.00027	PASS
			MCH	VN	-30	1.12	0.00044	PASS
					-20	0.70	0.00028	PASS
					-10	1.10	0.00043	PASS
					0	-7.15	-0.00282	PASS
					10	-6.58	-0.0026	PASS
					20	-7.51	-0.00296	PASS
					30	1.62	0.00064	PASS
					40	2.10	0.00083	PASS
					50	-1.22	-0.00048	PASS
			HCH	VN	-30	-0.72	-0.00028	PASS
					-20	-7.48	-0.00292	PASS
					-10	-3.00	-0.00117	PASS
					0	-3.85	-0.0015	PASS

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp .	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					10	-1.09	-0.00043	PASS
					20	-8.51	-0.00332	PASS
					30	-1.02	-0.0004	PASS
					40	-0.74	-0.00029	PASS
					50	-1.42	-0.00055	PASS
		20	LCH	VN	-30	3.85	0.00153	PASS
					-20	-0.60	-0.00024	PASS
					-10	-1.09	-0.00043	PASS
					0	0.36	0.00014	PASS
					10	1.17	0.00047	PASS
					20	-0.54	-0.00022	PASS
					30	1.34	0.00053	PASS
					40	-0.41	-0.00016	PASS
					50	-0.47	-0.00019	PASS
			MCH	VN	-30	1.32	0.00052	PASS
					-20	1.06	0.00042	PASS
					-10	2.09	0.00082	PASS
					0	-0.50	-0.0002	PASS
					10	-0.17	-0.00007	PASS
					20	1.23	0.00049	PASS
					30	2.50	0.00099	PASS
					40	0.01	0	PASS
					50	3.65	0.00144	PASS
			HCH	VN	-30	0.99	0.00039	PASS
					-20	-1.54	-0.0006	PASS
					-10	0.53	0.00021	PASS
					0	1.69	0.00066	PASS
					10	-1.59	-0.00062	PASS
					20	0.49	0.00019	PASS
					30	1.30	0.00051	PASS
					40	2.02	0.00079	PASS
					50	2.20	0.00086	PASS

END