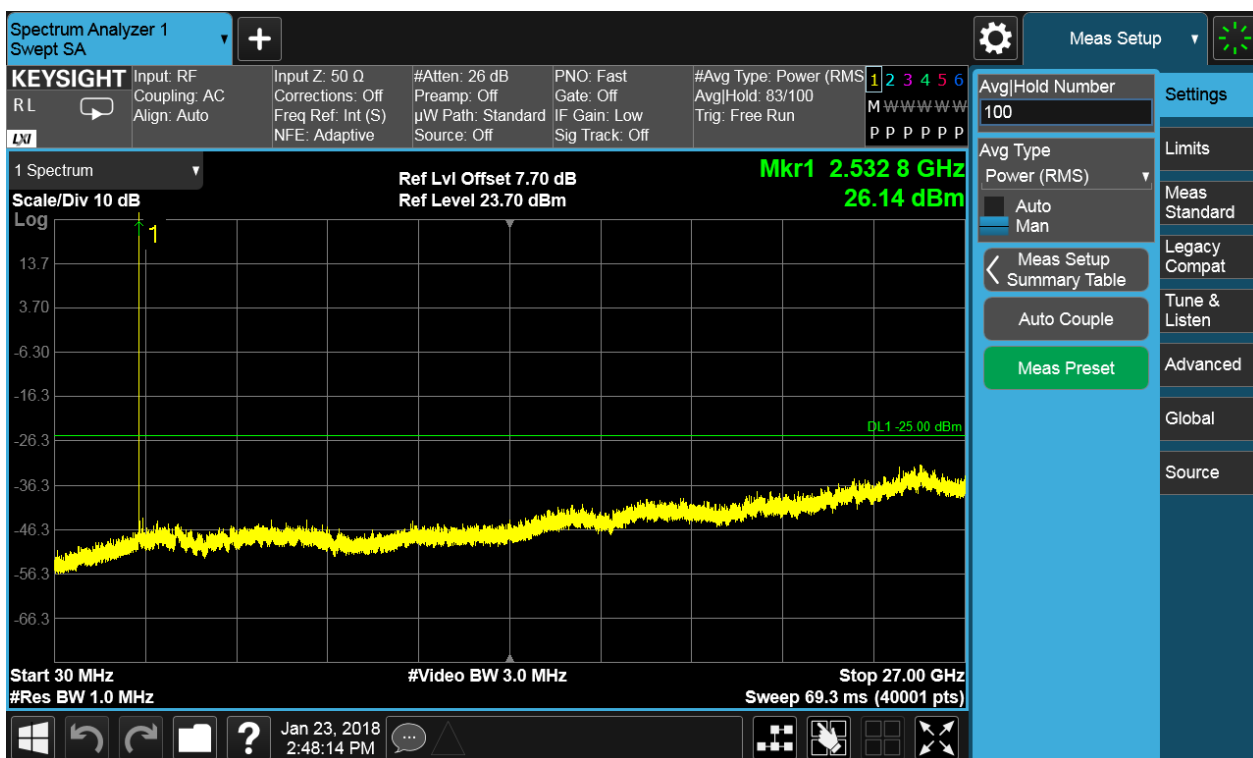
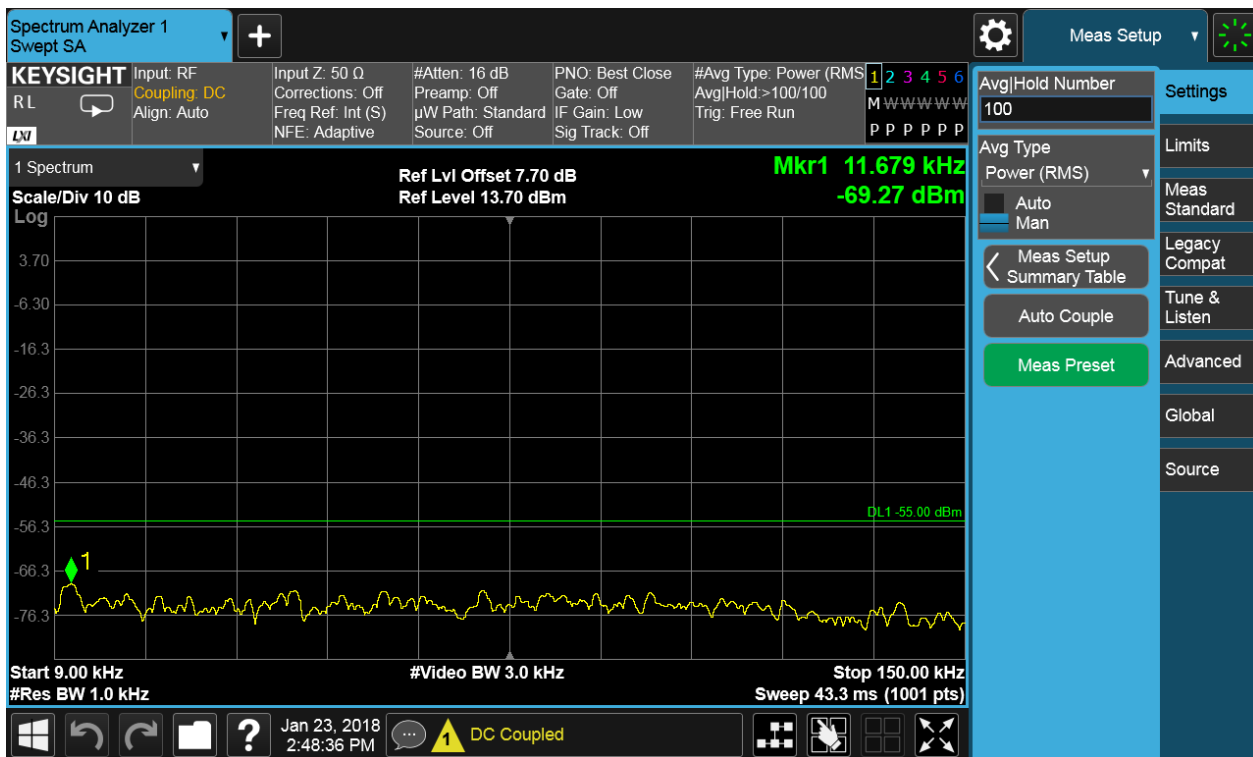
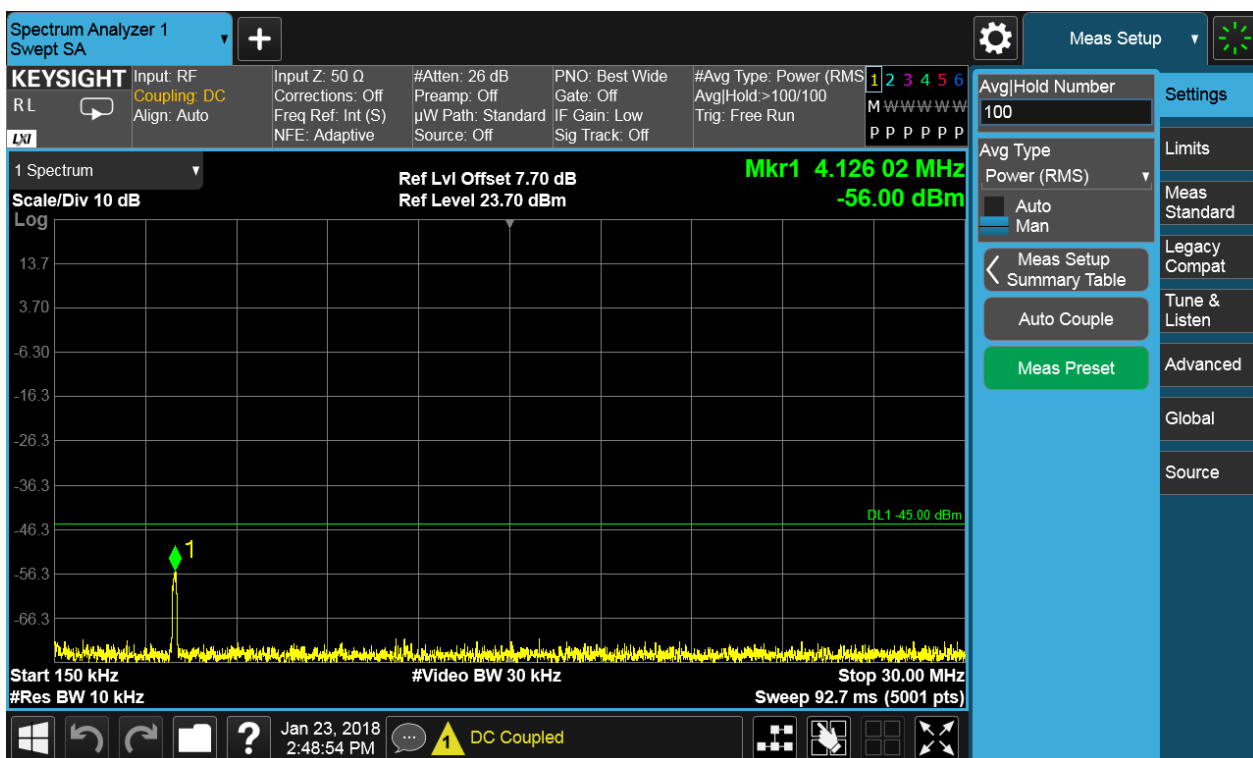


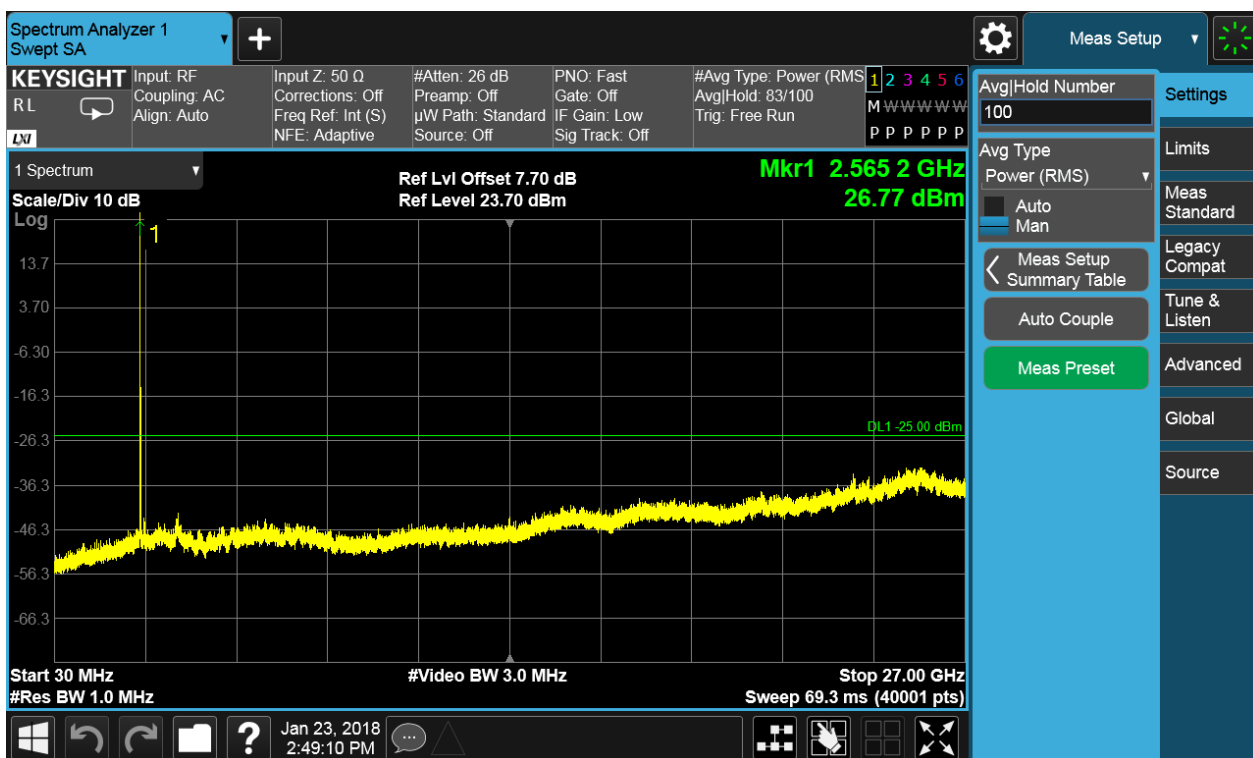


6.1.1.2.1.3 Test Channel = HCH

6.1.1.2.1.3.1 Test RB = RB1#0





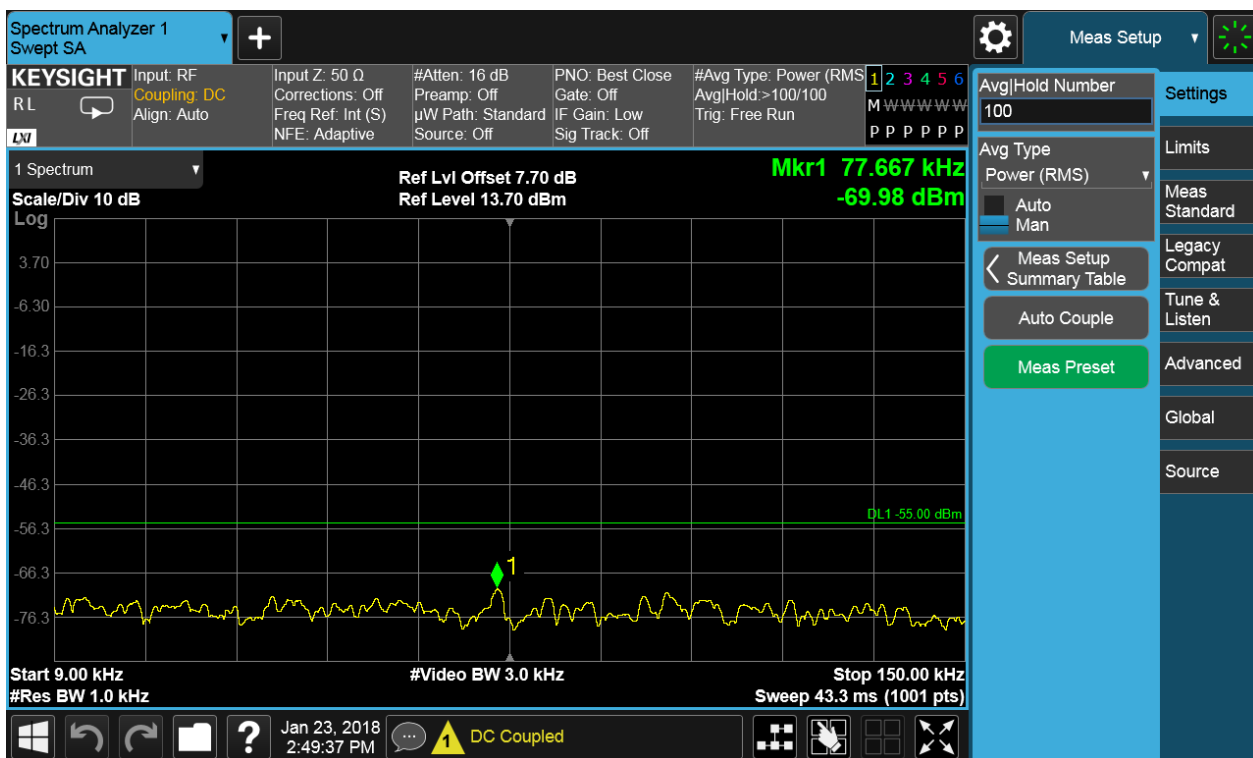


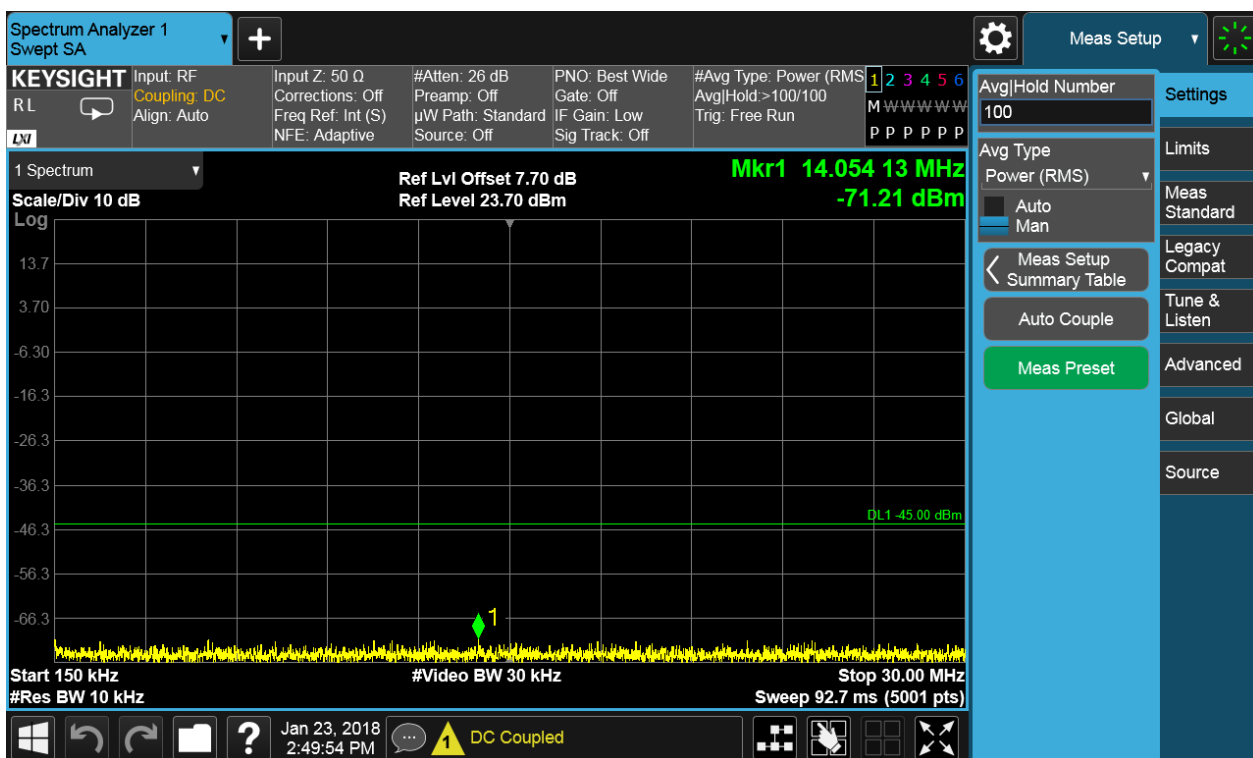


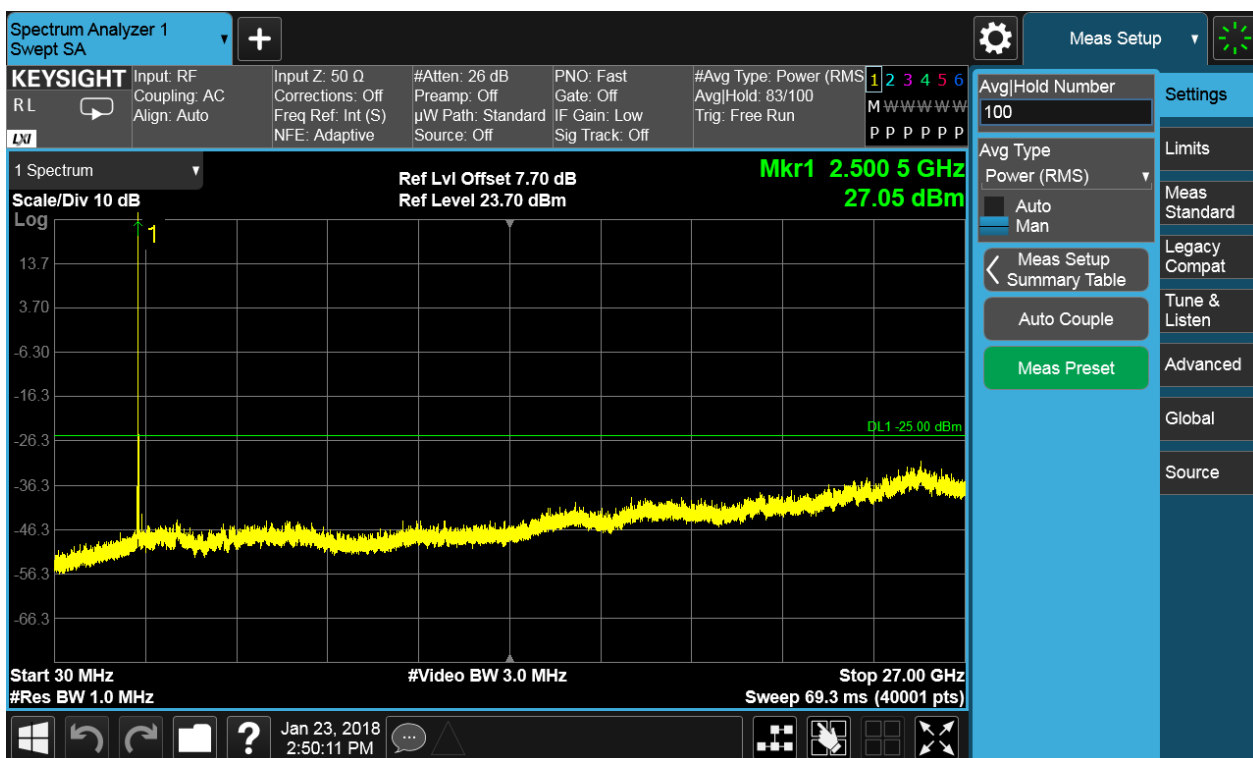
6.1.1.2.2 Test Bandwidth = 10

6.1.1.2.2.1 Test Channel = LCH

6.1.1.2.2.1.1 Test RB = RB1#0

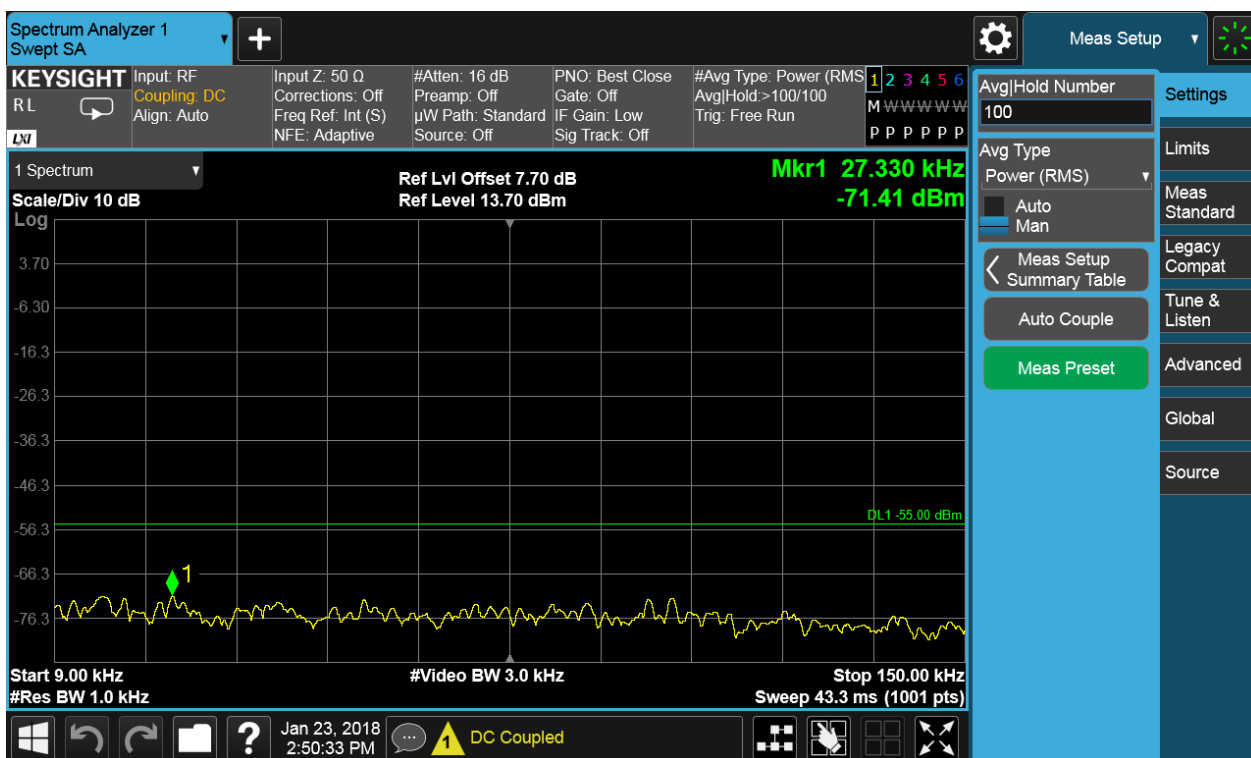


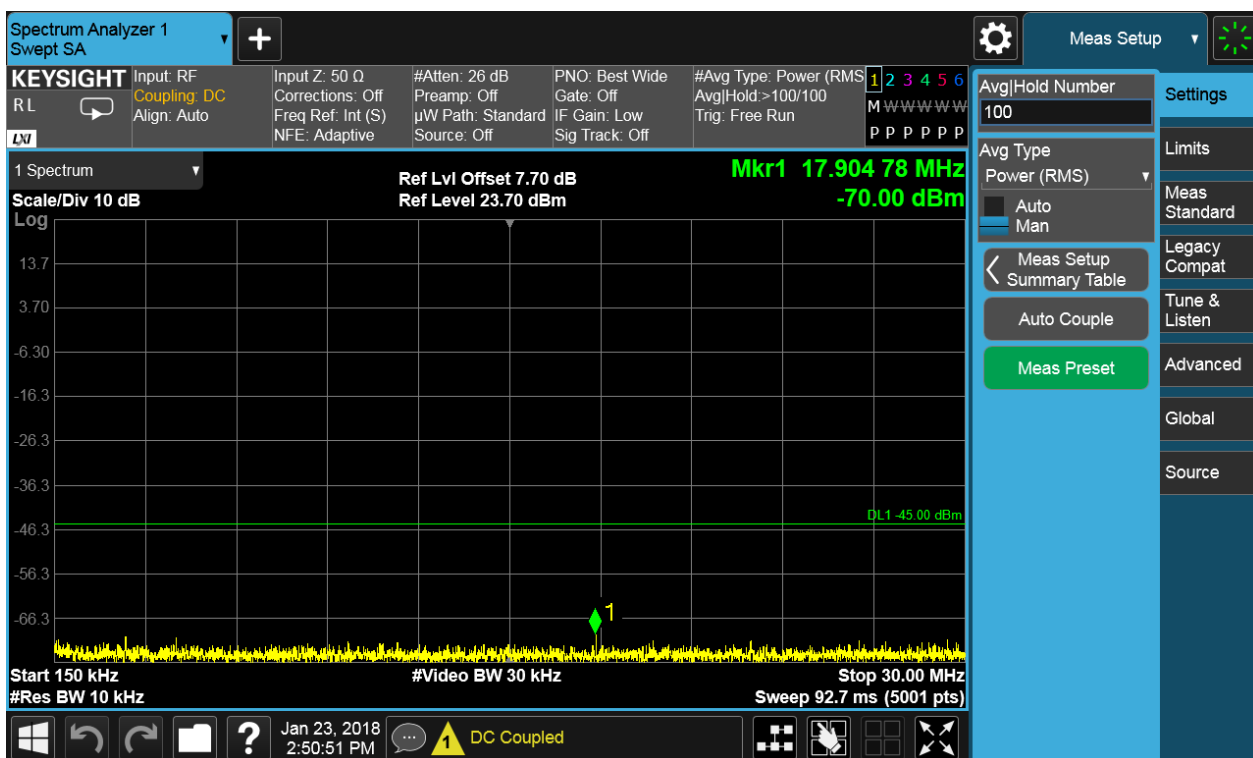


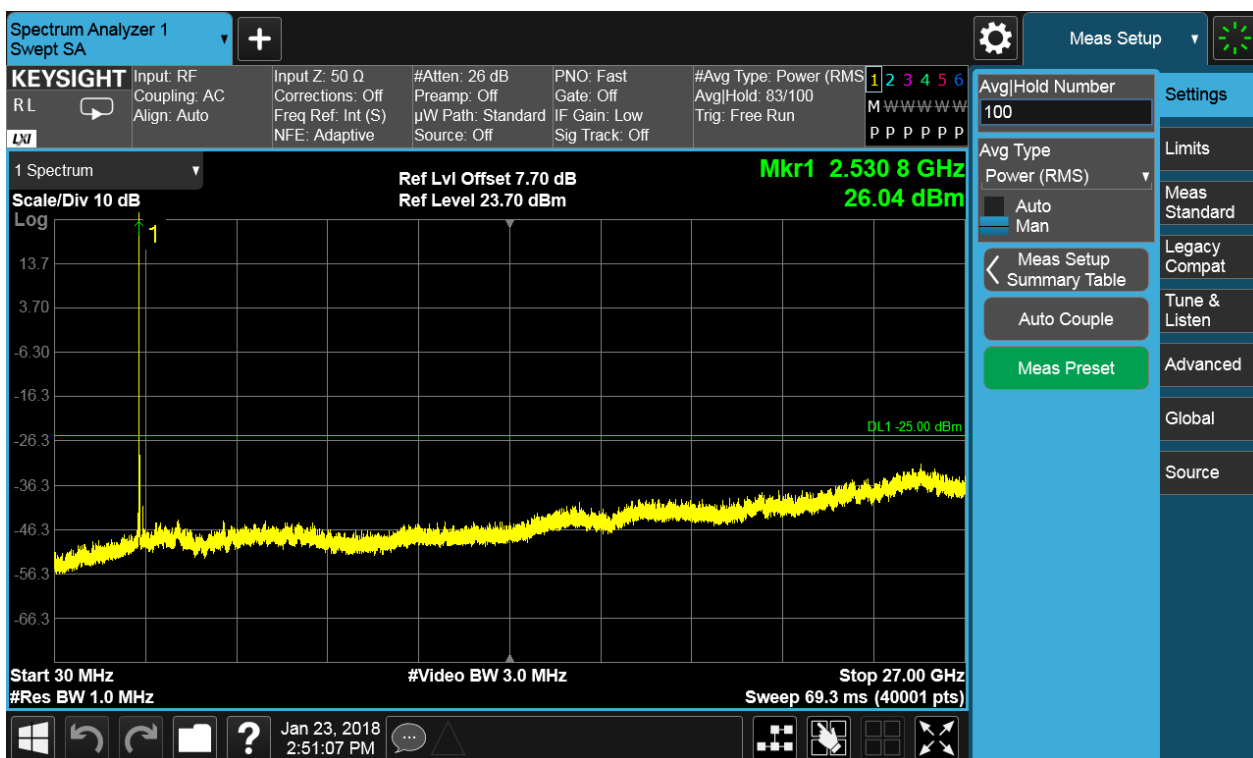


6.1.1.2.2.2 Test Channel = MCH

6.1.1.2.2.2.1 Test RB = RB1#0

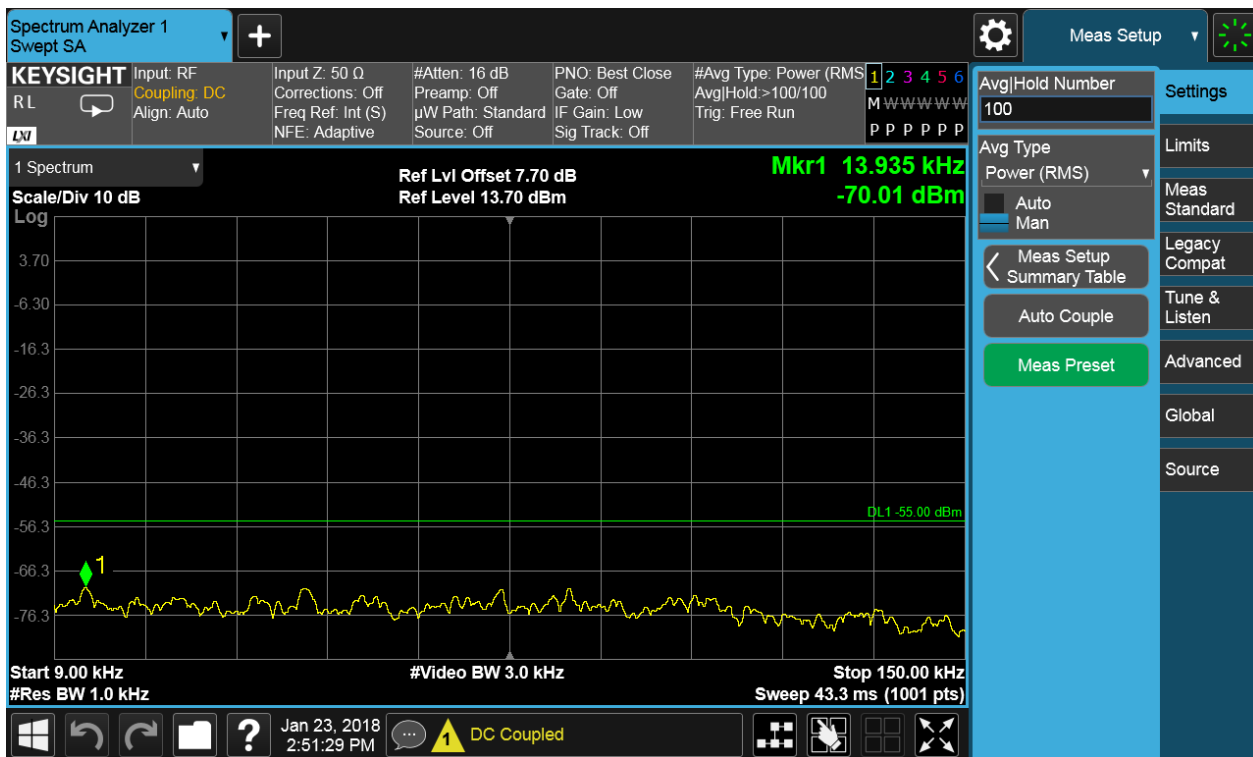


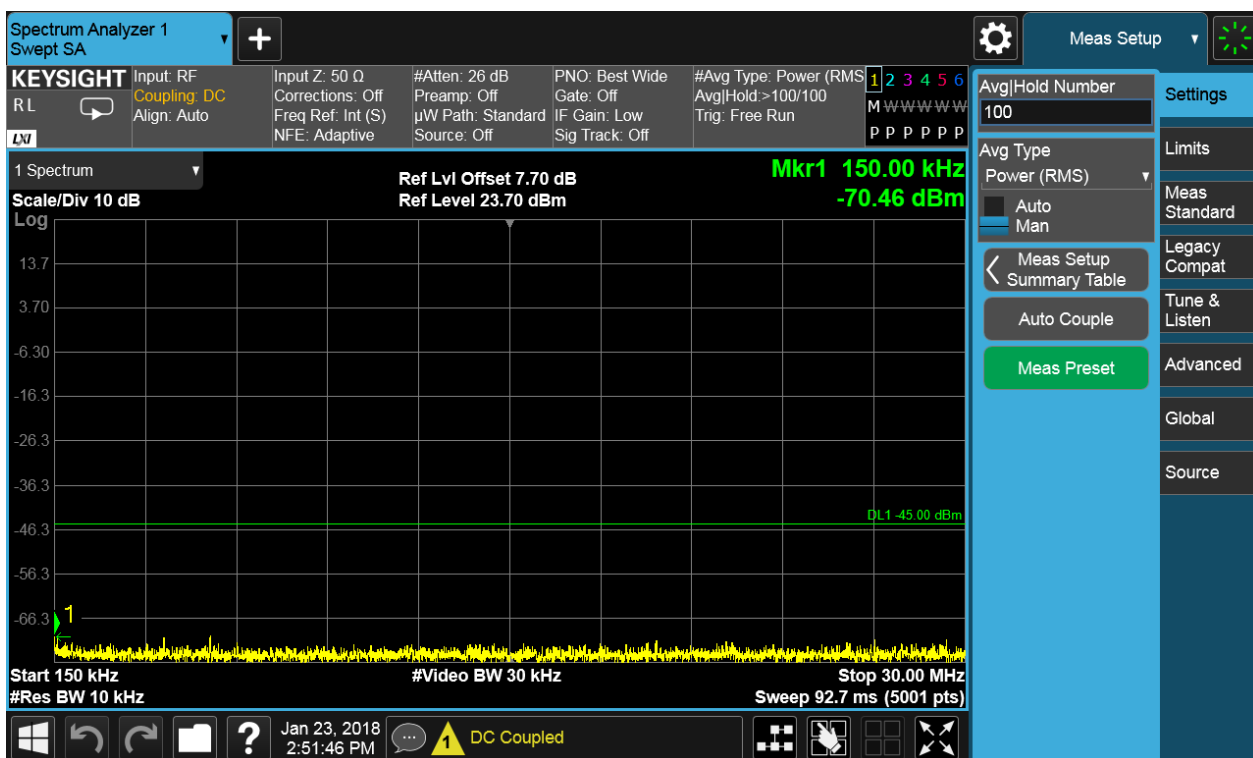


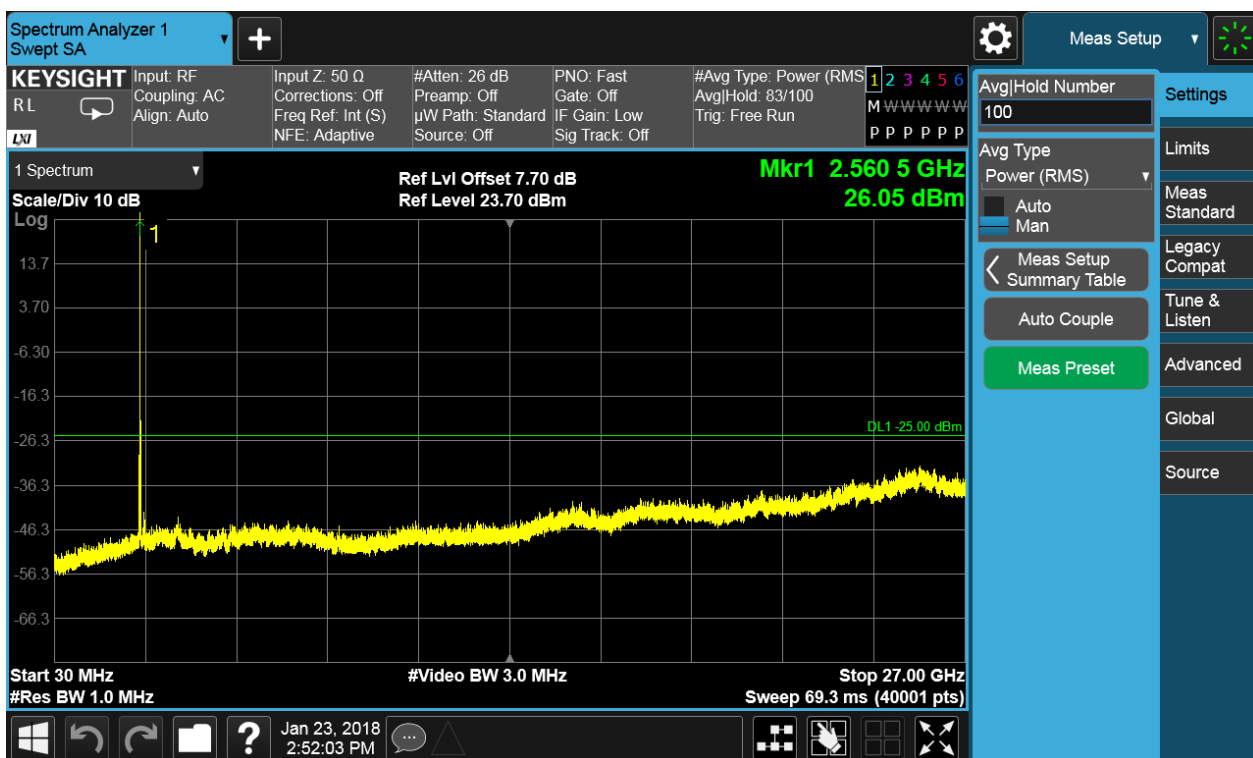


6.1.1.2.2.3 Test Channel = HCH

6.1.1.2.2.3.1 Test RB = RB1#0



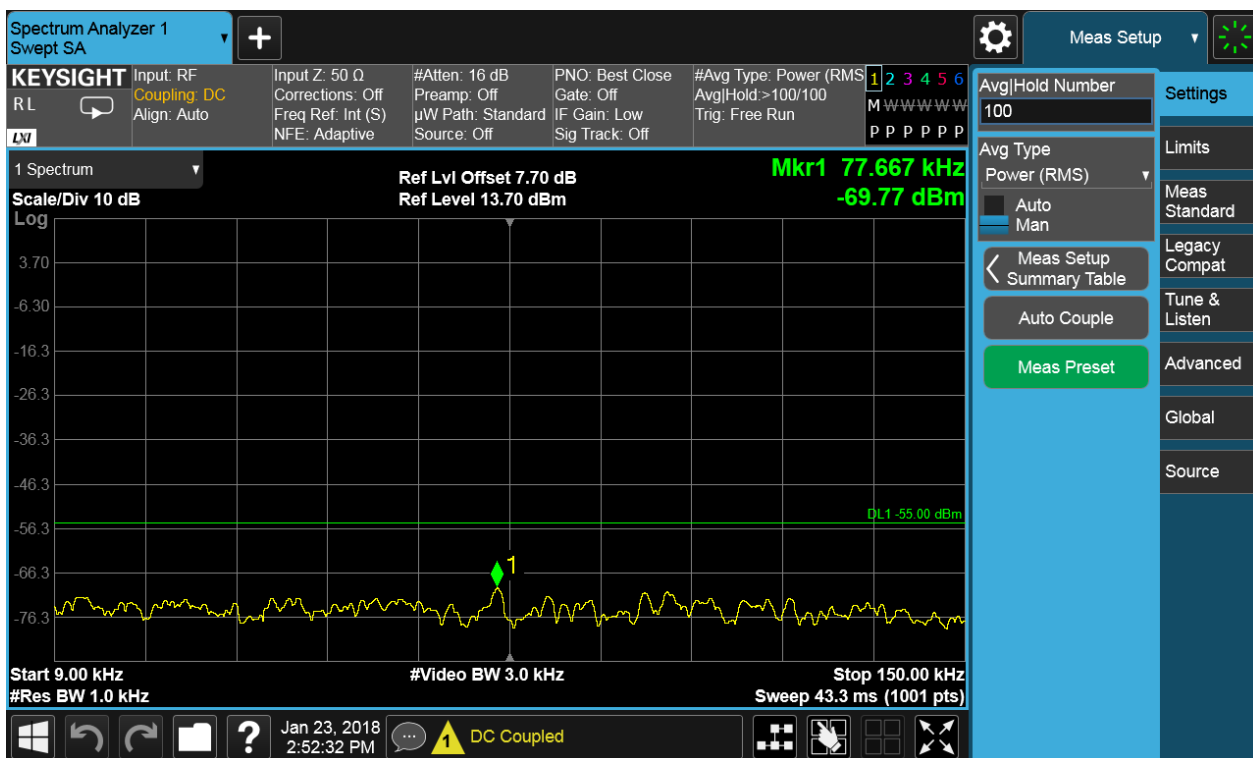




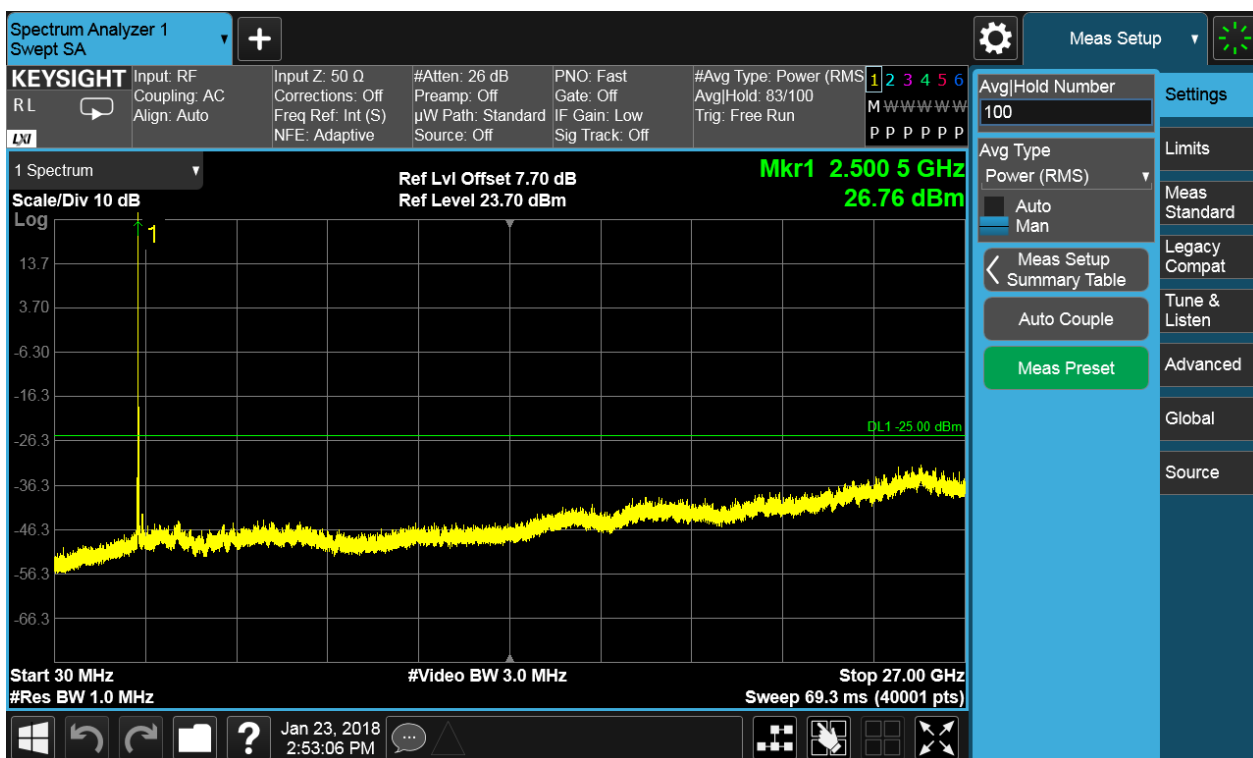
6.1.1.2.3 Test Bandwidth = 15

6.1.1.2.3.1 Test Channel = LCH

6.1.1.2.3.1.1 Test RB = RB1#0

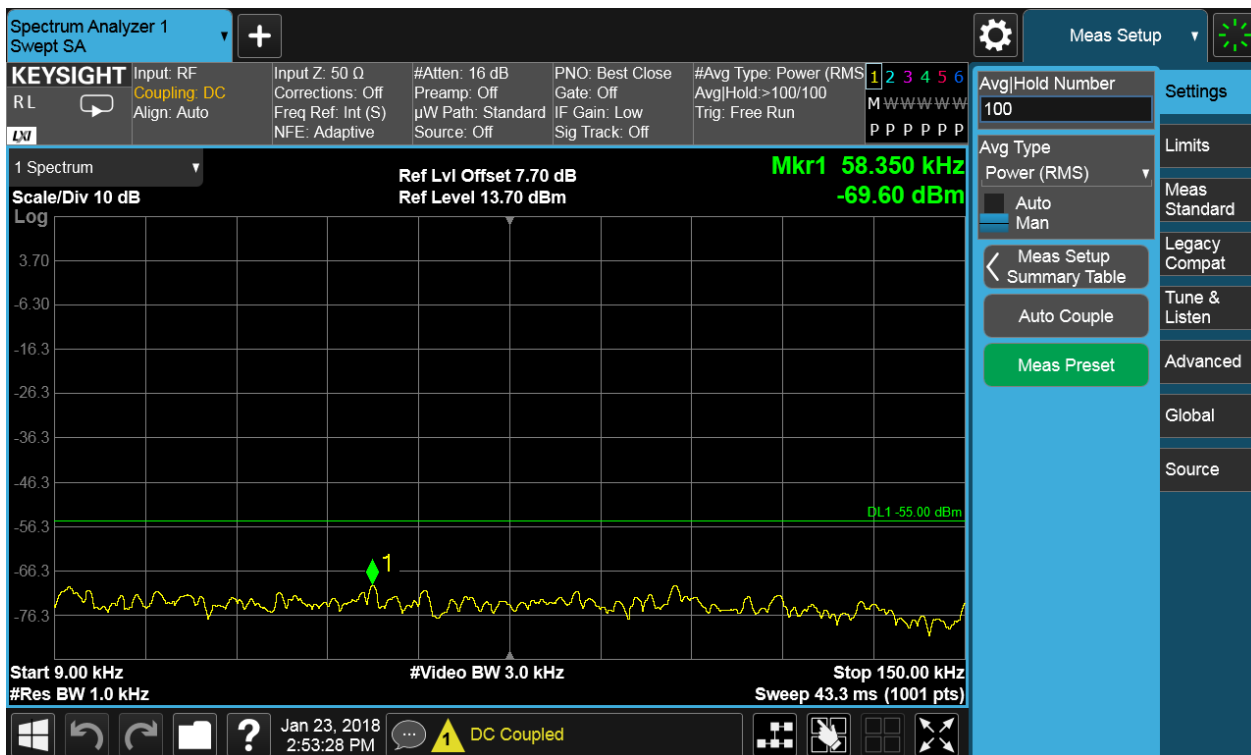




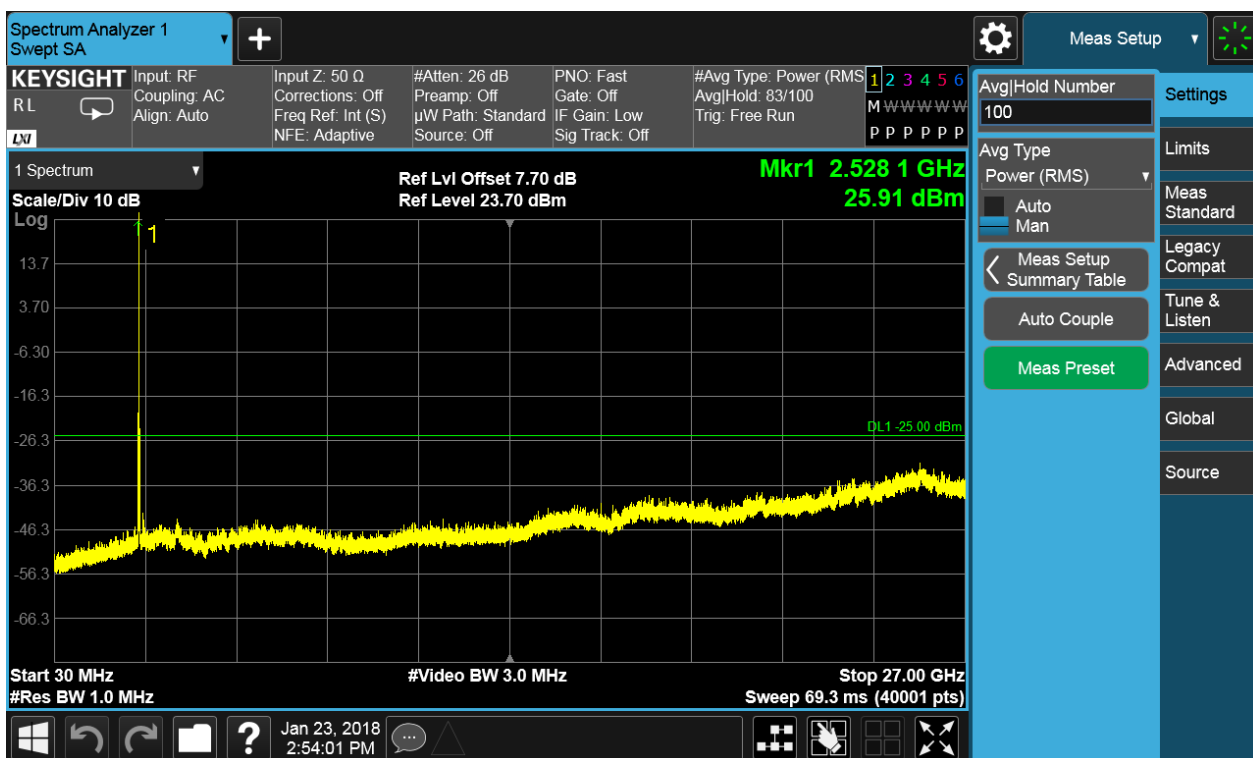


6.1.1.2.3.2 Test Channel = MCH

6.1.1.2.3.2.1 Test RB = RB1#0

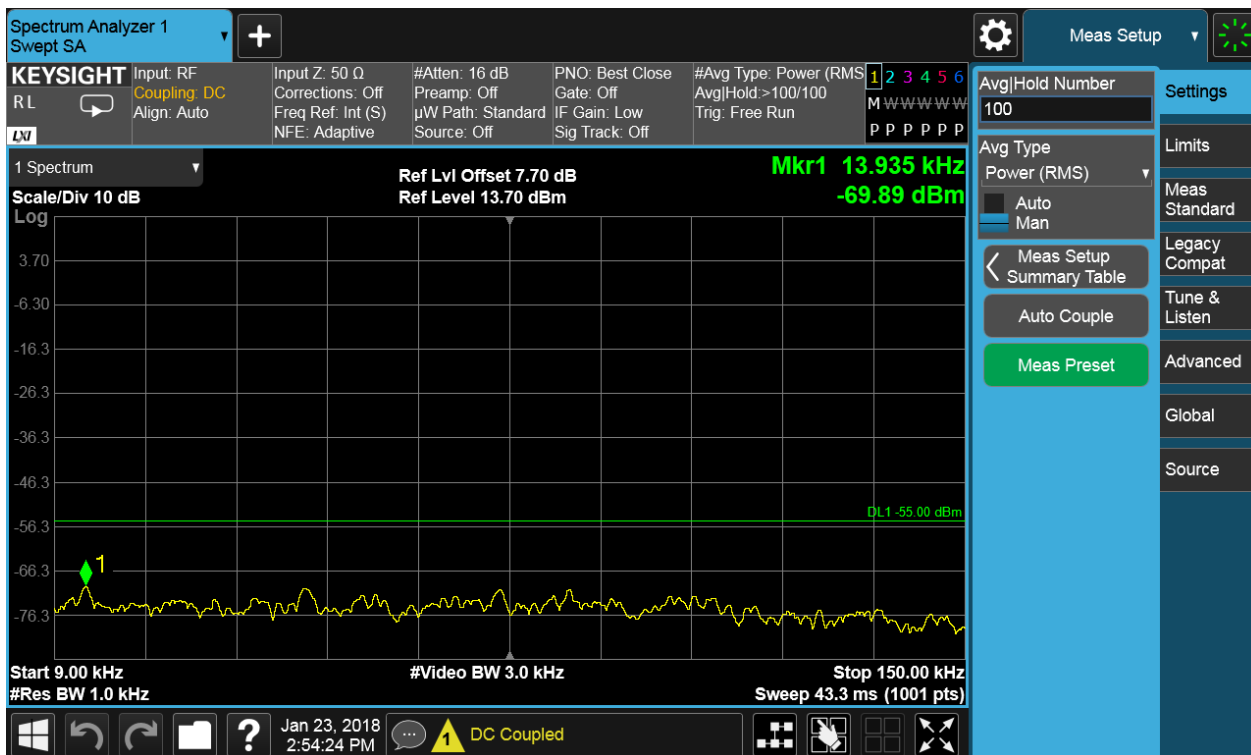




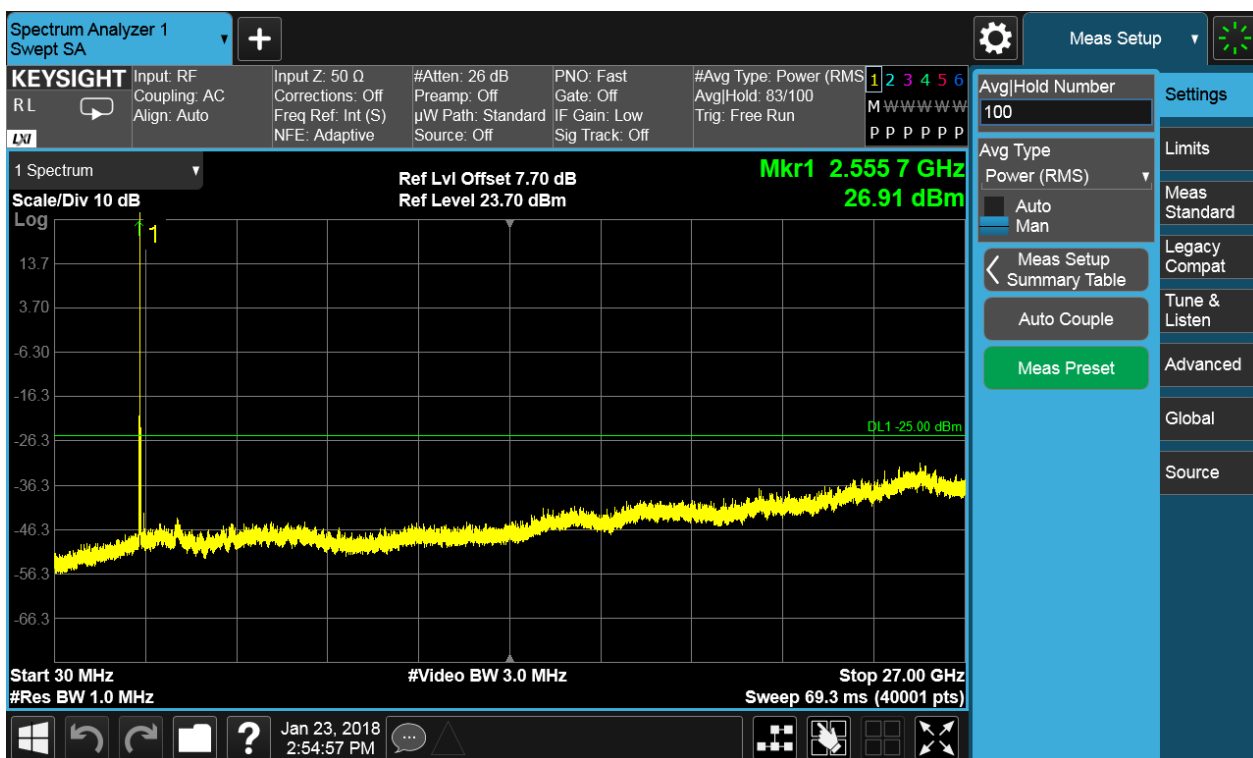


6.1.1.2.3.3 Test Channel = HCH

6.1.1.2.3.3.1 Test RB = RB1#0



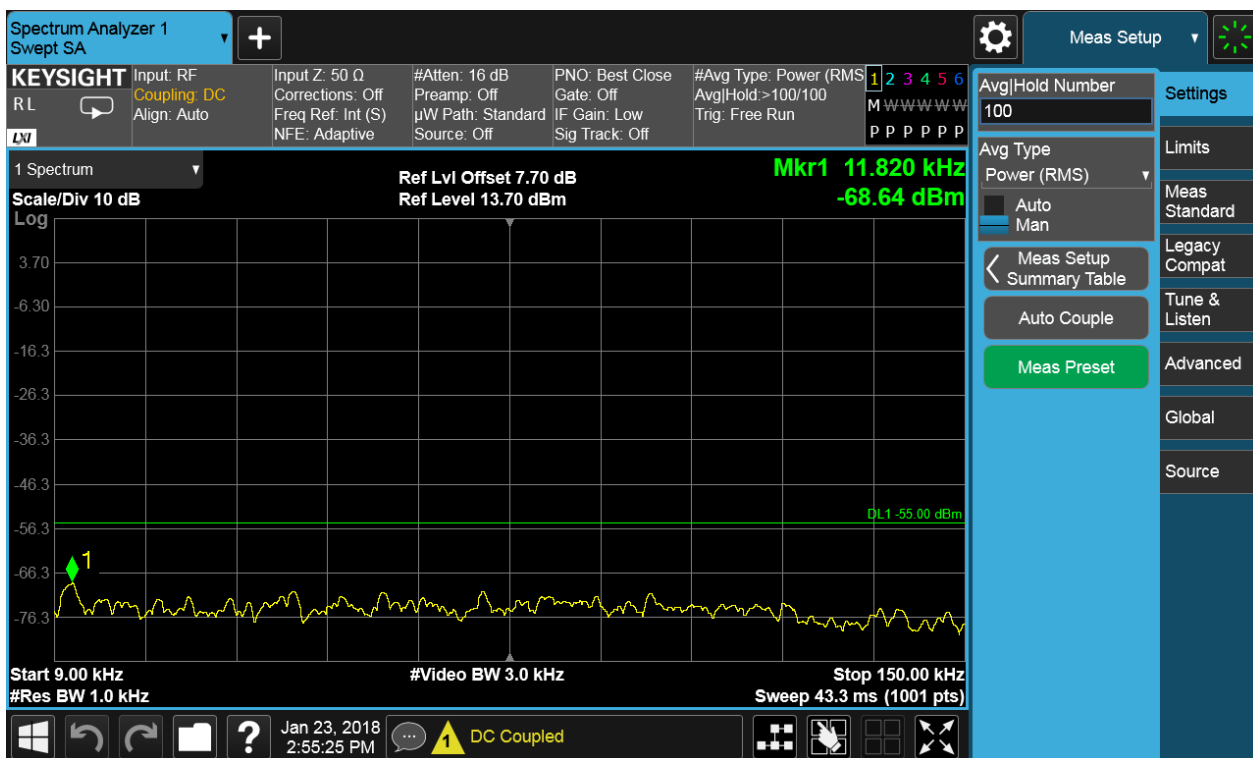




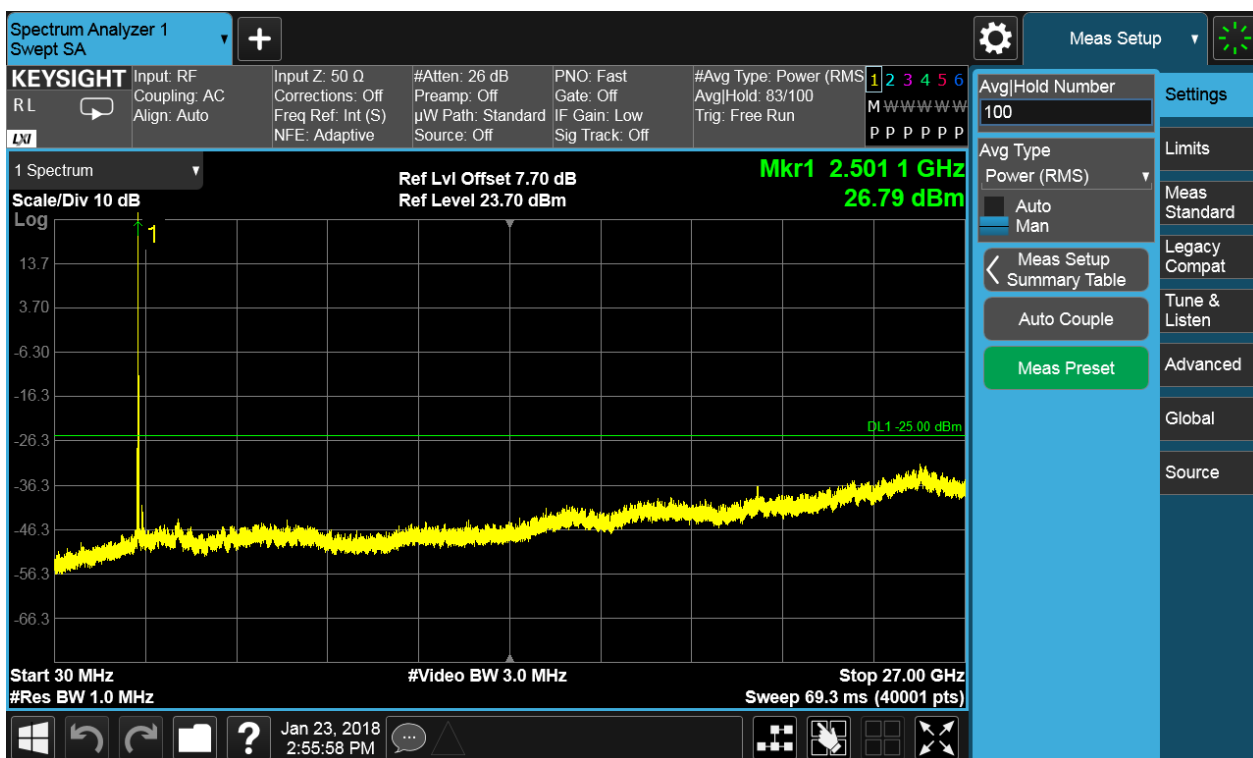
6.1.1.2.4 Test Bandwidth = 20

6.1.1.2.4.1 Test Channel = LCH

6.1.1.2.4.1.1 Test RB = RB1#0

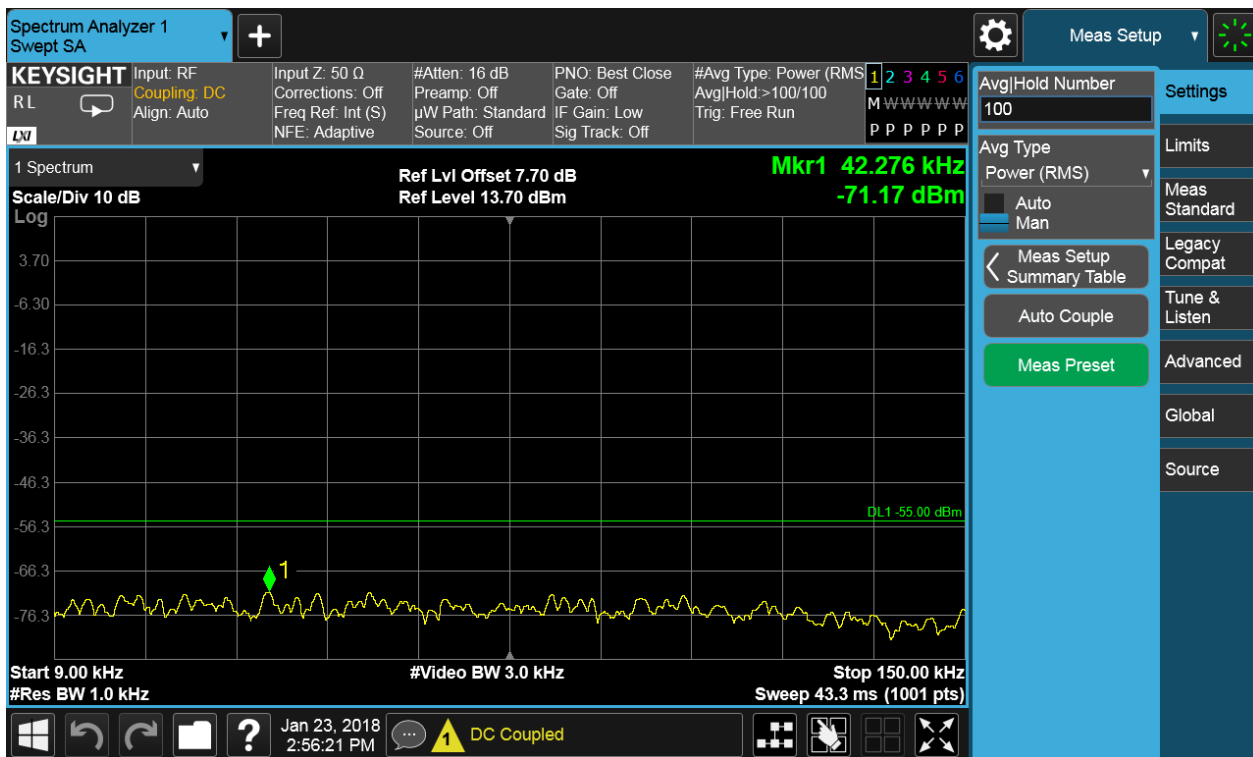


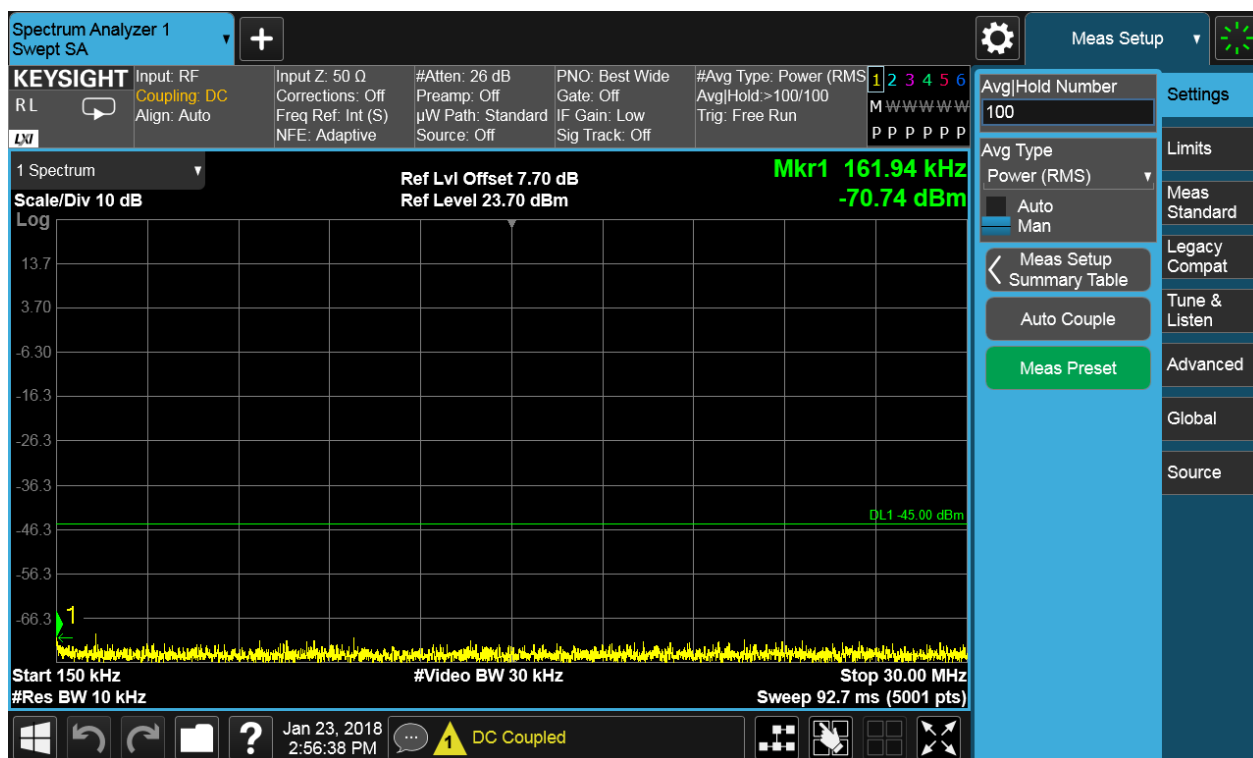


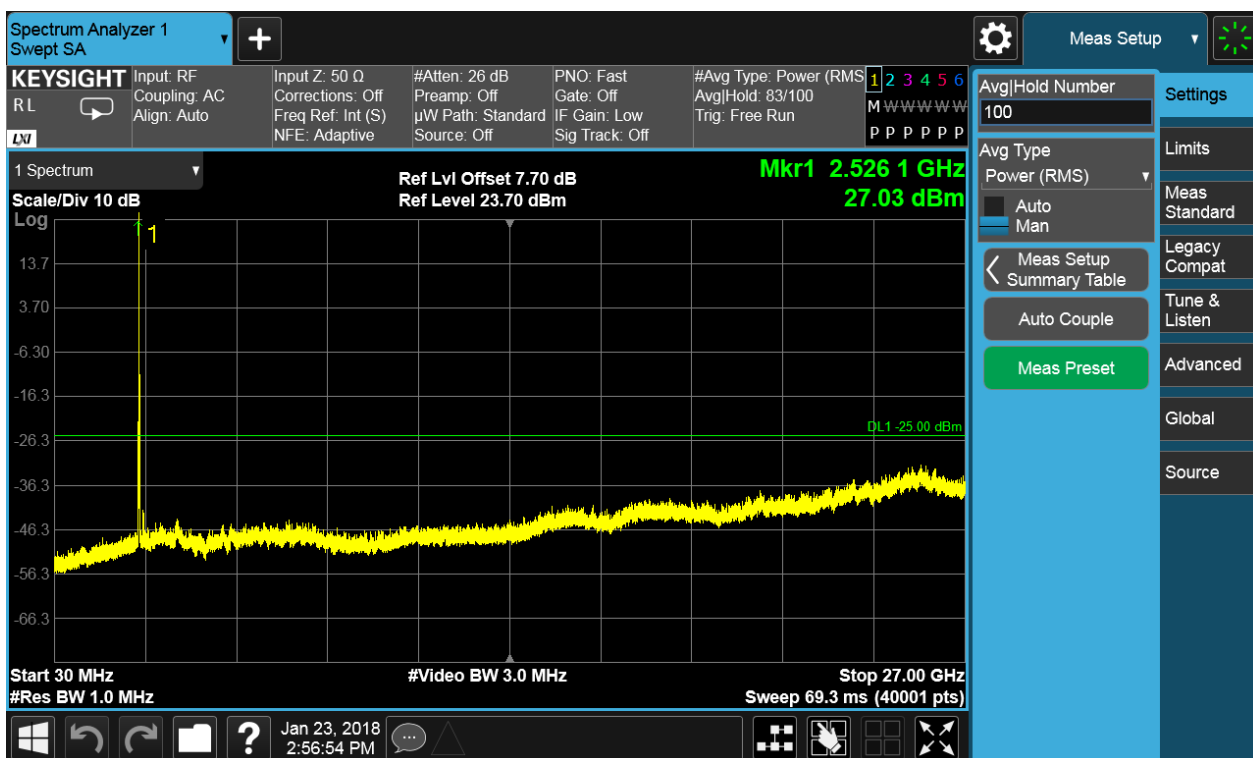


6.1.1.2.4.2 Test Channel = MCH

6.1.1.2.4.2.1 Test RB = RB1#0

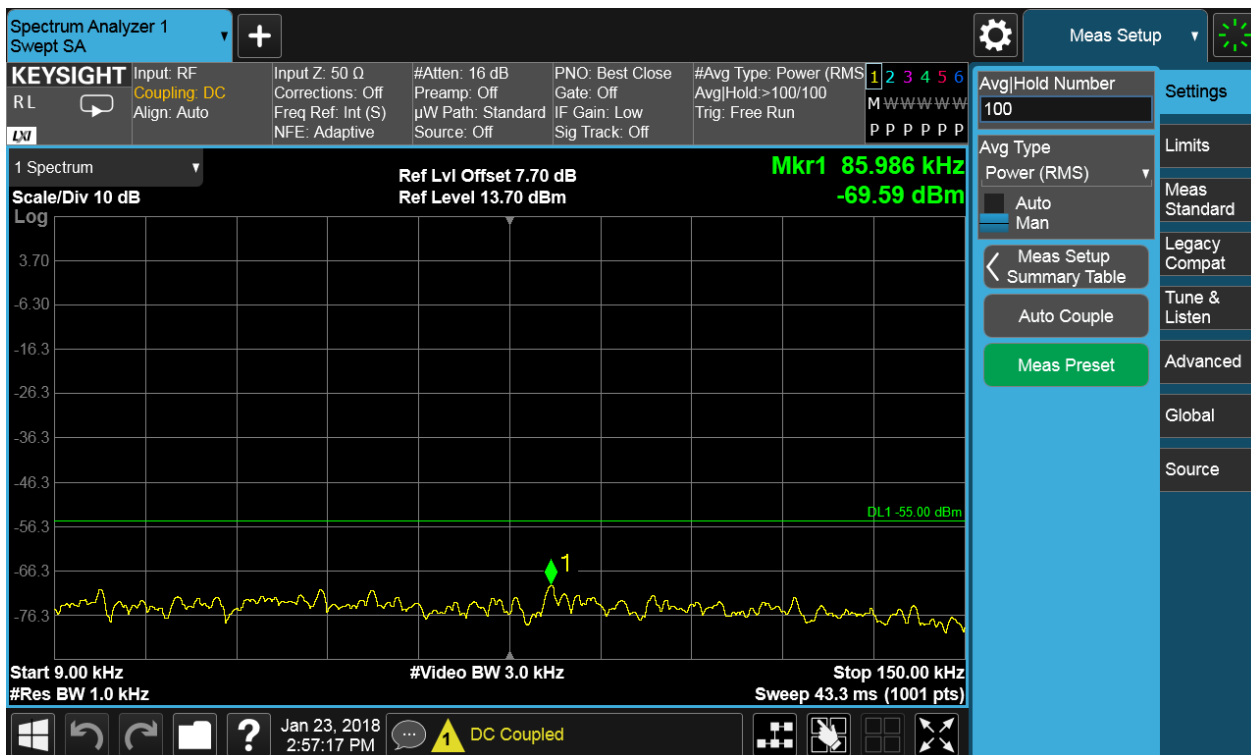


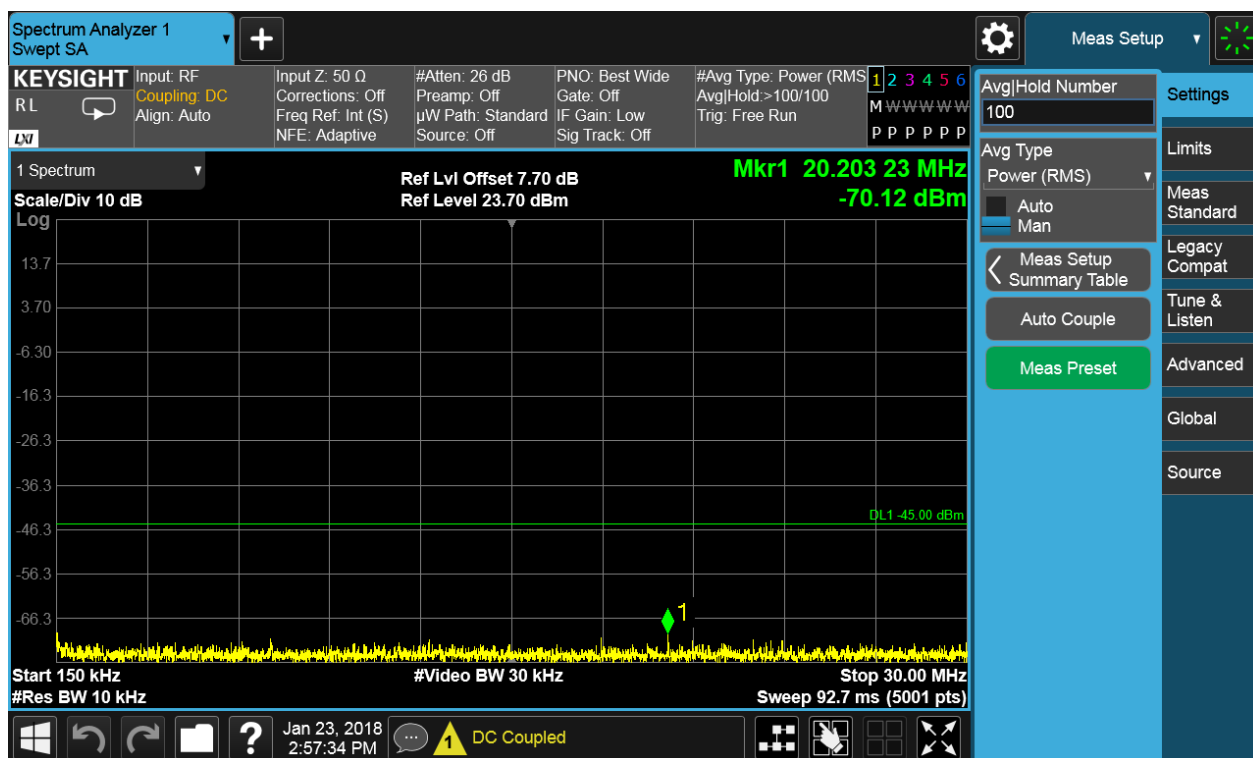


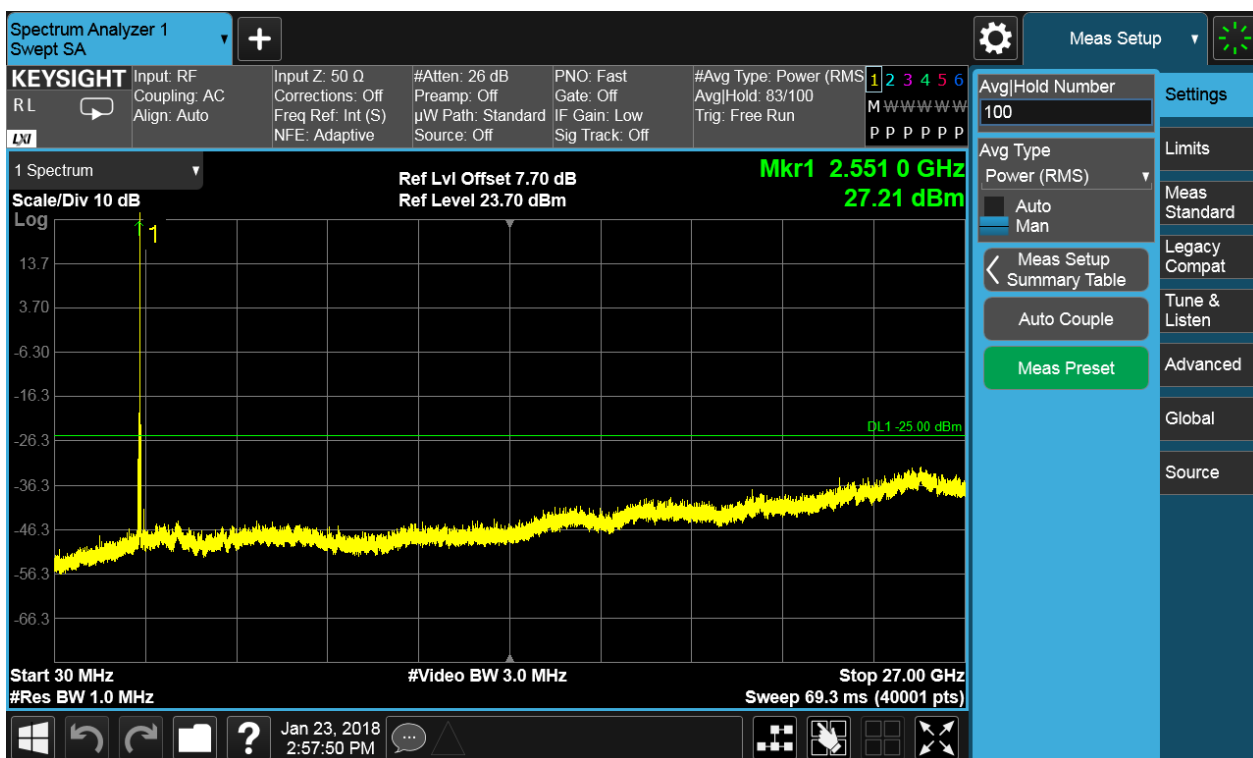


6.1.1.2.4.3 Test Channel = HCH

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

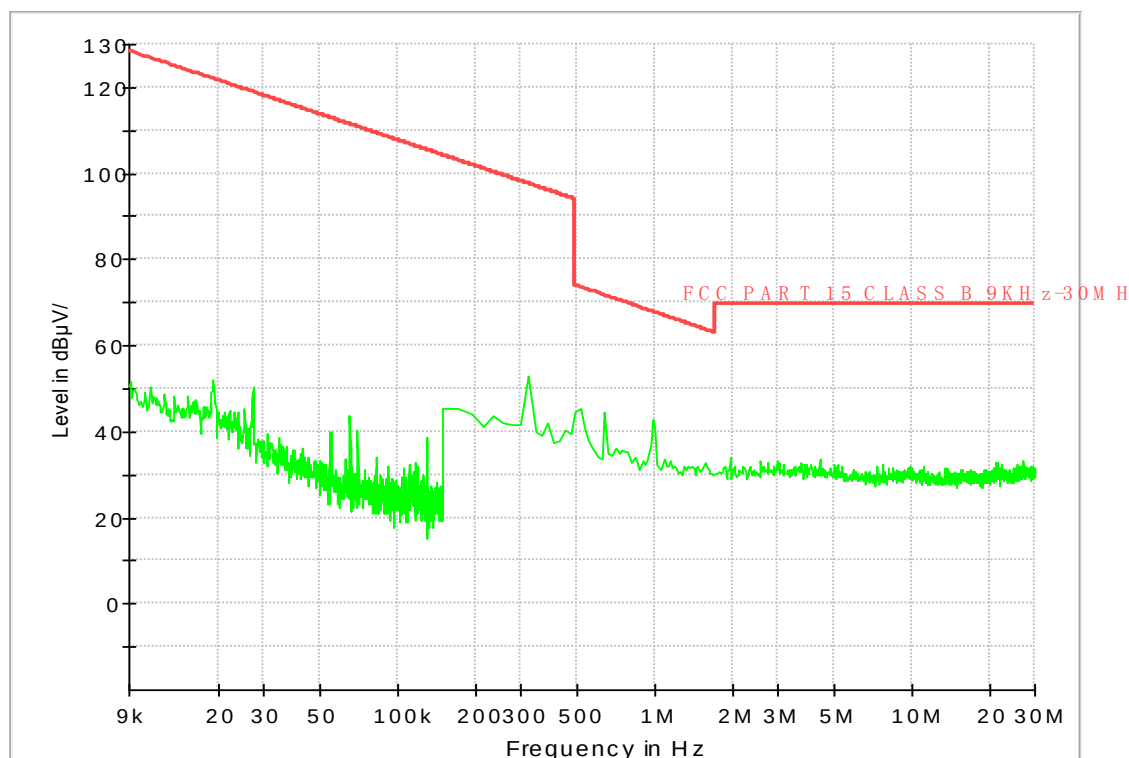
Above 1GHz, RBW = 1 MHz, VBW = 3 MHz. Detector: PK

Part I - Test Plots

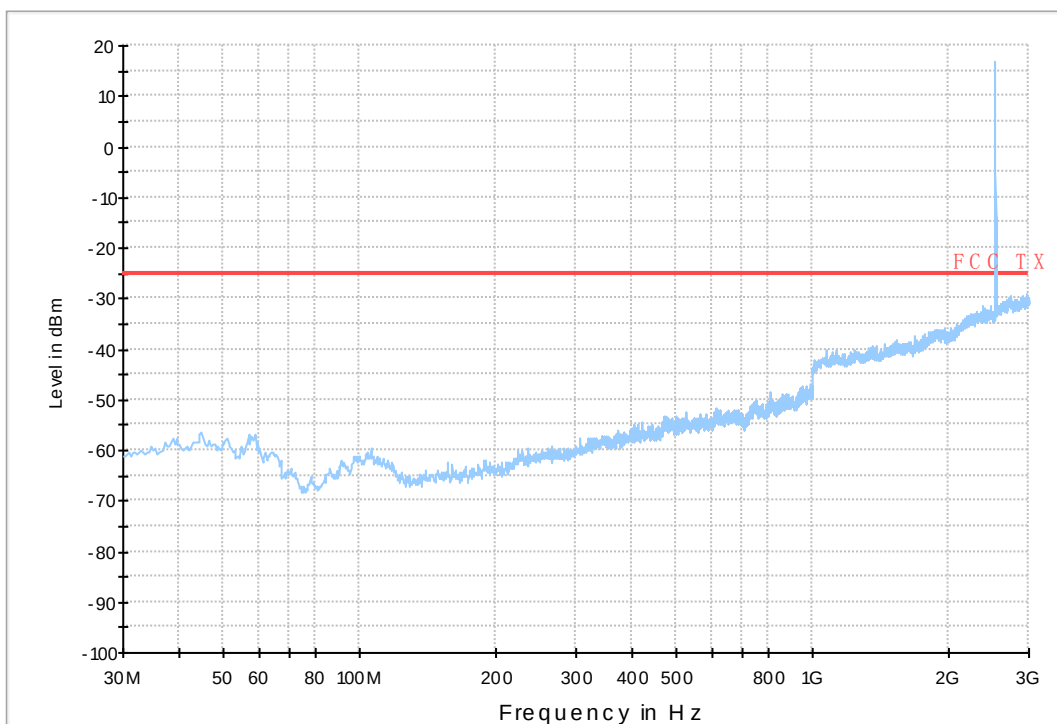
7.1 For LTE

7.1.1 Test Band = BAND7

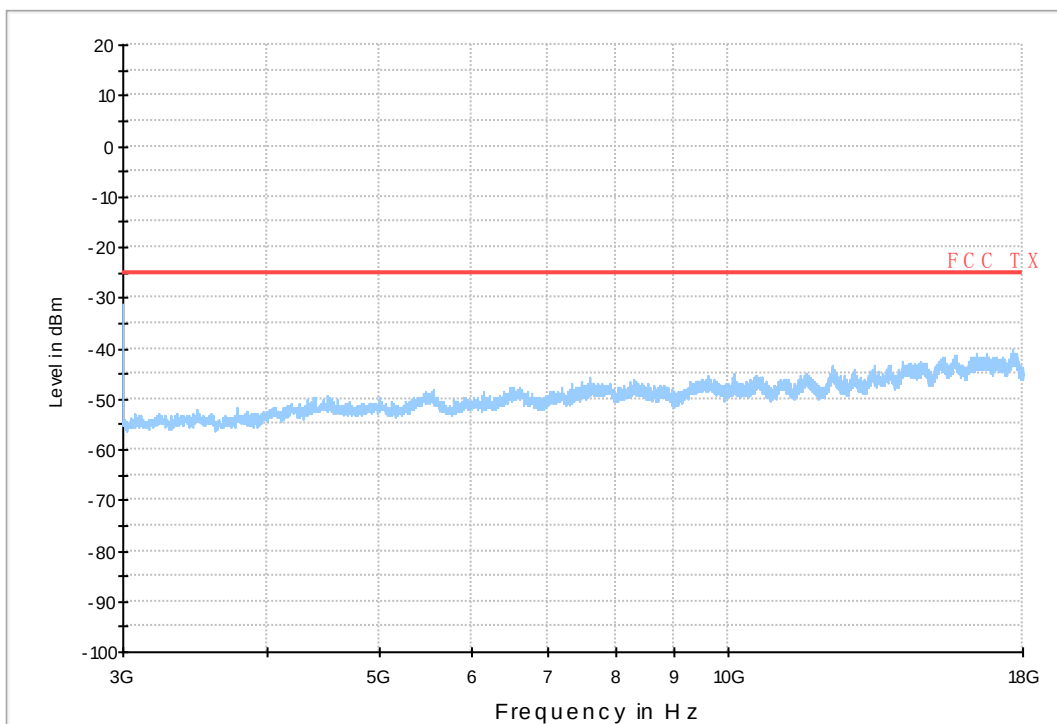
7.1.1.1 Test Bandwidth = 5

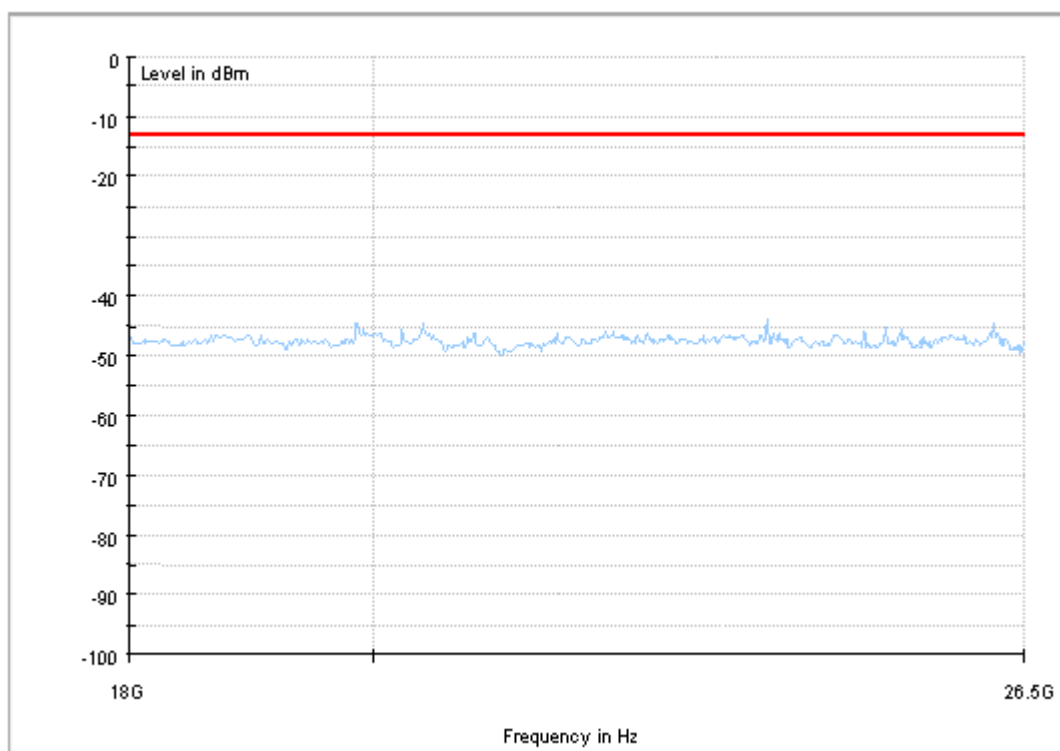


Copy of RSE-TX-DIRECTOR ABOVE 1.5G Limit -25_L

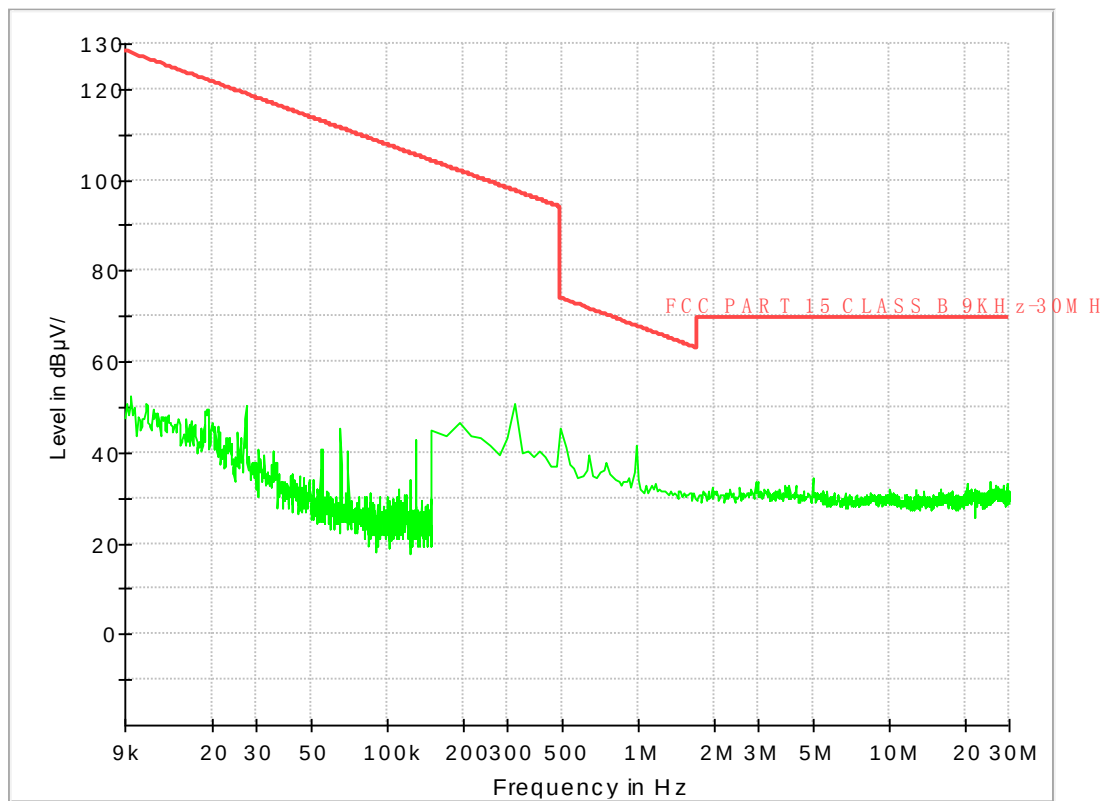


Copy of RSE-TX-DIRECTOR ABOVE 1.5G Limit -25_H

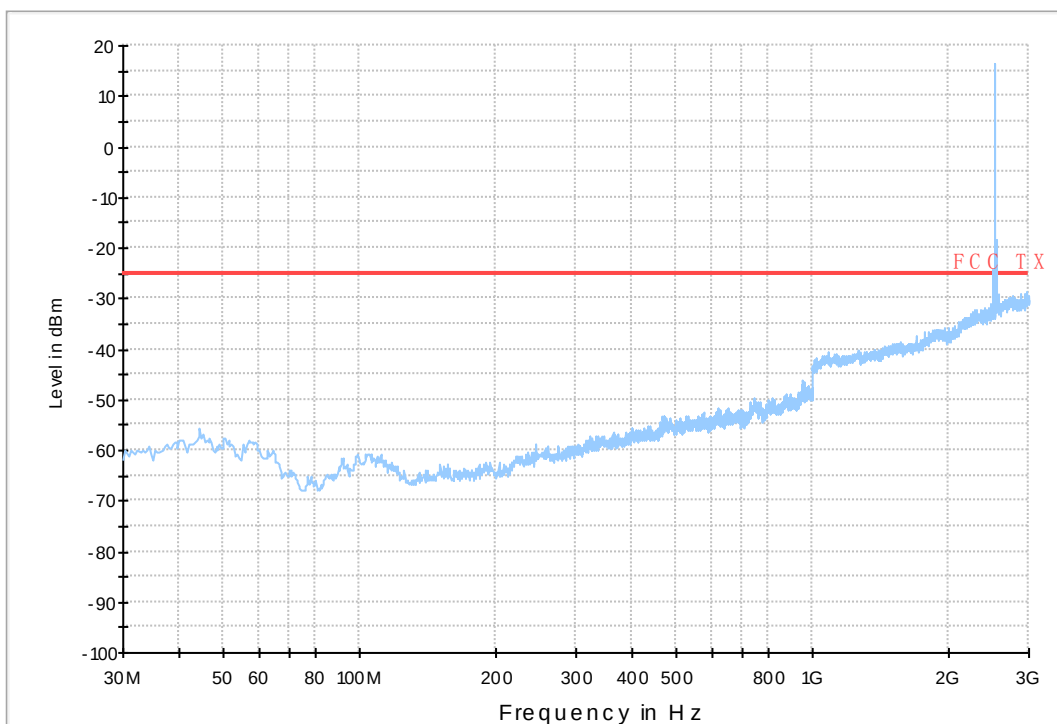




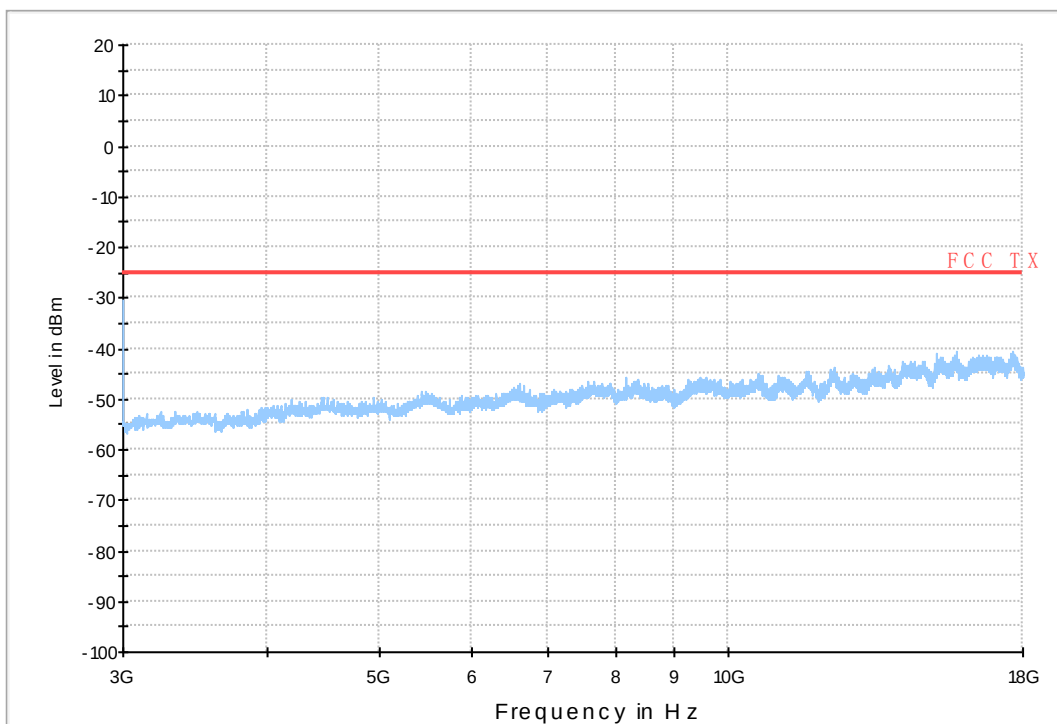
7.1.1.2 Test Bandwidth = 20

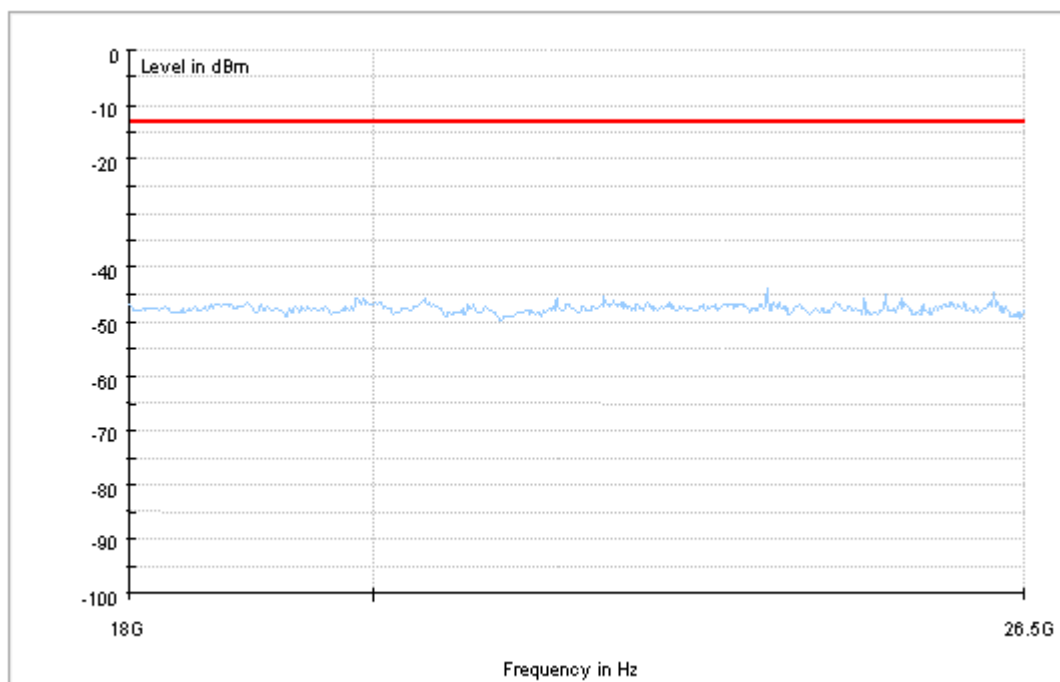


Copy of RSE-TX-DIRECTOR ABOVE 1.5G Limit -25_L



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





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	5.26	0.0021	PASS
					VN	6.29	0.00251	PASS
					VH	7.20	0.00288	PASS
			MCH	TN	VL	-3.09	-0.00122	PASS
					VN	-2.65	-0.00105	PASS
					VH	-3.85	-0.00152	PASS
			HCH	TN	VL	3.93	0.00153	PASS
					VN	5.59	0.00218	PASS
					VH	4.35	0.00169	PASS
		10	LCH	TN	VL	-4.91	-0.00196	PASS
					VN	-2.52	-0.00101	PASS
					VH	-4.55	-0.00182	PASS
			MCH	TN	VL	-3.78	-0.00149	PASS
					VN	-3.08	-0.00121	PASS
					VH	-5.68	-0.00224	PASS
			HCH	TN	VL	-14.13	-0.00551	PASS
					VN	-10.84	-0.00423	PASS
					VH	-15.16	-0.00591	PASS
		15	LCH	TN	VL	-2.30	-0.00092	PASS
					VN	-3.43	-0.00137	PASS
					VH	-1.37	-0.00055	PASS
			MCH	TN	VL	-3.73	-0.00147	PASS
					VN	-4.02	-0.00159	PASS
					VH	-6.27	-0.00247	PASS
			HCH	TN	VL	2.78	0.00108	PASS
					VN	2.17	0.00085	PASS
					VH	0.41	0.00016	PASS
		20	LCH	TN	VL	1.12	0.00045	PASS
					VN	3.89	0.00155	PASS
					VH	3.05	0.00122	PASS
			MCH	TN	VL	-2.36	-0.00093	PASS

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
	LTE/TM2		HCH	TN	VN	-3.98	-0.00157	PASS
					VH	-4.33	-0.00171	PASS
					VL	-3.55	-0.00139	PASS
					VN	-3.62	-0.00141	PASS
					VH	-0.66	-0.00026	PASS
					VL	1.00	0.0004	PASS
		5	LCH	TN	VN	-0.41	-0.00016	PASS
					VH	3.78	0.00151	PASS
					VL	-1.62	-0.00064	PASS
			MCH	TN	VN	-4.96	-0.00196	PASS
					VH	-3.91	-0.00154	PASS
					VL	5.52	0.00215	PASS
			HCH	TN	VN	2.26	0.00088	PASS
					VH	1.80	0.0007	PASS
					VL	-1.90	-0.00076	PASS
		10	LCH	TN	VN	-2.66	-0.00106	PASS
					VH	-3.00	-0.0012	PASS
					VL	-3.98	-0.00157	PASS
			MCH	TN	VN	-5.01	-0.00198	PASS
					VH	-3.52	-0.00139	PASS
					VL	-4.94	-0.00193	PASS
			HCH	TN	VN	-4.72	-0.00184	PASS
					VH	-4.52	-0.00176	PASS
					VL	-2.90	-0.00116	PASS
		15	LCH	TN	VN	-2.59	-0.00103	PASS
					VH	-2.65	-0.00106	PASS
					VL	-4.42	-0.00174	PASS
			MCH	TN	VN	-3.75	-0.00148	PASS
					VH	-4.26	-0.00168	PASS
					VL	1.77	0.00069	PASS
			HCH	TN	VN	1.16	0.00045	PASS
					VH	1.46	0.00057	PASS
					VL	2.37	0.00094	PASS
		20	LCH	TN	VN	2.30	0.00092	PASS
					VH	2.88	0.00115	PASS
					VL	-1.54	-0.00061	PASS
			MCH	TN	VN	-3.43	-0.00135	PASS
					VH	-2.79	-0.0011	PASS
					VL	-9.87	-0.00386	PASS
			HCH	TN	VL	-9.87	-0.00386	PASS

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					VN	-11.69	-0.00457	PASS
					VH	-9.67	-0.00378	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	-4.15	-0.00166	PASS
					-20	-1.29	-0.00052	PASS
					-10	-2.12	-0.00085	PASS
					0	-3.43	-0.00137	PASS
					10	-1.97	-0.00079	PASS
					20	-1.99	-0.0008	PASS
					30	-3.71	-0.00148	PASS
					40	2.12	0.00085	PASS
					50	-3.25	-0.0013	PASS
			MCH	VN	-30	-0.92	-0.00036	PASS
					-20	-2.19	-0.00086	PASS
					-10	-3.73	-0.00147	PASS
					0	-2.79	-0.0011	PASS
					10	-1.70	-0.00067	PASS
					20	-3.83	-0.00151	PASS
					30	-4.02	-0.00159	PASS
					40	-2.59	-0.00102	PASS
					50	-3.92	-0.00155	PASS
			HCH	VN	-30	0.54	0.00021	PASS
					-20	2.39	0.00093	PASS
					-10	0.86	0.00033	PASS
					0	2.90	0.00113	PASS
					10	1.29	0.0005	PASS
					20	1.42	0.00055	PASS
					30	0.51	0.0002	PASS
					40	0.74	0.00029	PASS
					50	-1.44	-0.00056	PASS
		10	LCH	VN	-30	-5.26	-0.0021	PASS
					-20	-2.15	-0.00086	PASS
					-10	-3.69	-0.00147	PASS
					0	-1.96	-0.00078	PASS

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp .	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					10	-3.59	-0.00143	PASS
					20	-3.99	-0.00159	PASS
					30	-3.79	-0.00151	PASS
					40	-4.18	-0.00167	PASS
					50	-2.89	-0.00115	PASS
			MCH	VN	-30	-2.82	-0.00111	PASS
					-20	-5.54	-0.00219	PASS
					-10	-2.70	-0.00107	PASS
					0	-2.19	-0.00086	PASS
					10	-4.29	-0.00169	PASS
					20	-4.78	-0.00189	PASS
					30	-1.34	-0.00053	PASS
					40	-4.53	-0.00179	PASS
					50	-3.95	-0.00156	PASS
			HCH	VN	-30	6.87	0.00268	PASS
					-20	0.16	0.00006	PASS
					-10	5.52	0.00215	PASS
					0	-2.55	-0.00099	PASS
					10	0.80	0.00031	PASS
					20	-2.47	-0.00096	PASS
					30	-7.64	-0.00298	PASS
					40	-2.33	-0.00091	PASS
					50	-1.49	-0.00058	PASS
		15	LCH	VN	-30	-1.47	-0.00059	PASS
					-20	0.00	0	PASS
					-10	-1.77	-0.00071	PASS
					0	-0.30	-0.00012	PASS
					10	-0.92	-0.00037	PASS
					20	0.44	0.00018	PASS
					30	-0.11	-0.00004	PASS
					40	0.50	0.0002	PASS
					50	-3.03	-0.00121	PASS
			MCH	VN	-30	-3.66	-0.00144	PASS
					-20	-1.66	-0.00065	PASS
					-10	-3.79	-0.0015	PASS
					0	-3.38	-0.00133	PASS
					10	-2.68	-0.00106	PASS
					20	-1.97	-0.00078	PASS
					30	-2.78	-0.0011	PASS

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp .	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					40	-3.58	-0.00141	PASS
					50	-1.36	-0.00054	PASS
			HCH	VN	-30	1.60	0.00062	PASS
					-20	2.43	0.00095	PASS
					-10	2.29	0.00089	PASS
					0	1.69	0.00066	PASS
					10	-0.03	-0.00001	PASS
					20	2.05	0.0008	PASS
					30	1.44	0.00056	PASS
					40	2.26	0.00088	PASS
					50	2.47	0.00096	PASS
		20	LCH	VN	-30	0.87	0.00035	PASS
					-20	2.22	0.00088	PASS
					-10	-0.94	-0.00037	PASS
					0	0.97	0.00039	PASS
					10	0.74	0.00029	PASS
					20	1.27	0.00051	PASS
					30	1.56	0.00062	PASS
					40	0.72	0.00029	PASS
			MCH	VN	50	2.23	0.00089	PASS
					-30	-3.23	-0.00127	PASS
					-20	-3.52	-0.00139	PASS
					-10	-4.51	-0.00178	PASS
					0	-4.72	-0.00186	PASS
					10	-2.33	-0.00092	PASS
					20	-2.83	-0.00112	PASS
					30	-3.33	-0.00131	PASS
			HCH	VN	40	-1.06	-0.00042	PASS
					50	-3.40	-0.00134	PASS
					-30	-3.73	-0.00146	PASS
					-20	-2.96	-0.00116	PASS
					-10	-3.05	-0.00119	PASS
					0	0.92	0.00036	PASS
					10	-4.25	-0.00166	PASS
					20	-0.54	-0.00021	PASS
					30	-0.73	-0.00029	PASS
					40	0.93	0.00036	PASS
					50	-1.89	-0.00074	PASS
	LTE/TM2	5	LCH	VN	-30	2.03	0.00081	PASS

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp .	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					-20	1.12	0.00045	PASS
					-10	3.02	0.00121	PASS
					0	-0.14	-0.00006	PASS
					10	2.70	0.00108	PASS
					20	2.26	0.0009	PASS
					30	2.76	0.0011	PASS
					40	2.80	0.00112	PASS
					50	2.52	0.00101	PASS
			MCH	VN	-30	-1.76	-0.00069	PASS
					-20	-2.33	-0.00092	PASS
					-10	-5.39	-0.00213	PASS
					0	-2.56	-0.00101	PASS
					10	-4.26	-0.00168	PASS
					20	-3.46	-0.00136	PASS
					30	-6.22	-0.00245	PASS
					40	-3.91	-0.00154	PASS
					50	-3.10	-0.00122	PASS
			HCH	VN	-30	3.06	0.00119	PASS
					-20	4.45	0.00173	PASS
					-10	4.02	0.00157	PASS
					0	1.52	0.00059	PASS
					10	3.05	0.00119	PASS
					20	3.16	0.00123	PASS
					30	3.48	0.00136	PASS
					40	3.38	0.00132	PASS
					50	1.29	0.0005	PASS
		10	LCH	VN	-30	-2.59	-0.00103	PASS
					-20	-2.75	-0.0011	PASS
					-10	-2.88	-0.00115	PASS
					0	-1.39	-0.00055	PASS
					10	-2.35	-0.00094	PASS
					20	-2.69	-0.00107	PASS
					30	-3.29	-0.00131	PASS
					40	-1.93	-0.00077	PASS
					50	-2.02	-0.00081	PASS
			MCH	VN	-30	-4.46	-0.00176	PASS
					-20	-4.15	-0.00164	PASS
					-10	-4.78	-0.00189	PASS
					0	-3.06	-0.00121	PASS

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp .	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					10	-3.82	-0.00151	PASS
					20	-2.35	-0.00093	PASS
					30	-2.50	-0.00099	PASS
					40	-3.36	-0.00133	PASS
					50	-3.95	-0.00156	PASS
			HCH	VN	-30	-0.82	-0.00032	PASS
					-20	-3.72	-0.00145	PASS
					-10	-4.33	-0.00169	PASS
					0	1.14	0.00044	PASS
					10	-1.34	-0.00052	PASS
					20	2.25	0.00088	PASS
					30	2.09	0.00081	PASS
					40	7.20	0.00281	PASS
					50	1.65	0.00064	PASS
		15	LCH	VN	-30	-3.38	-0.00135	PASS
					-20	-0.79	-0.00032	PASS
					-10	-1.50	-0.00006	PASS
					0	-1.23	-0.00049	PASS
					10	-2.35	-0.00094	PASS
					20	-2.92	-0.00116	PASS
					30	-2.25	-0.00009	PASS
					40	-0.50	-0.00002	PASS
					50	-3.00	-0.0012	PASS
			MCH	VN	-30	-3.86	-0.00152	PASS
					-20	-3.71	-0.00146	PASS
					-10	-0.60	-0.00024	PASS
					0	-4.29	-0.00169	PASS
					10	-3.50	-0.00138	PASS
					20	-4.71	-0.00186	PASS
					30	-5.18	-0.00204	PASS
					40	-4.29	-0.00169	PASS
					50	-5.91	-0.00233	PASS
			HCH	VN	-30	4.61	0.0018	PASS
					-20	0.83	0.00032	PASS
					-10	1.97	0.00077	PASS
					0	4.35	0.0017	PASS
					10	3.29	0.00128	PASS
					20	0.62	0.00024	PASS
					30	1.19	0.00046	PASS

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp .	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
		20			40	1.73	0.00068	PASS
					50	0.20	0.00008	PASS
			LCH	VN	-30	1.30	0.00052	PASS
					-20	2.20	0.00088	PASS
					-10	0.76	0.0003	PASS
					0	-1.99	-0.00079	PASS
					10	1.00	0.0004	PASS
					20	1.36	0.00054	PASS
					30	2.00	0.0008	PASS
					40	2.26	0.0009	PASS
					50	1.02	0.00041	PASS
			MCH	VN	-30	-4.31	-0.0017	PASS
					-20	-4.75	-0.00187	PASS
					-10	-3.09	-0.00122	PASS
					0	-2.83	-0.00112	PASS
					10	-3.15	-0.00124	PASS
					20	-4.58	-0.00181	PASS
					30	-6.18	-0.00244	PASS
					40	-3.55	-0.0014	PASS
					50	-1.72	-0.00068	PASS
			HCH	VN	-30	-8.50	-0.00332	PASS
					-20	-5.99	-0.00234	PASS
					-10	-8.33	-0.00325	PASS
					0	-4.52	-0.00177	PASS
					10	-8.37	-0.00327	PASS
					20	-8.44	-0.0033	PASS
					30	-6.24	-0.00244	PASS
					40	-4.46	-0.00174	PASS
					50	-5.49	-0.00214	PASS

END