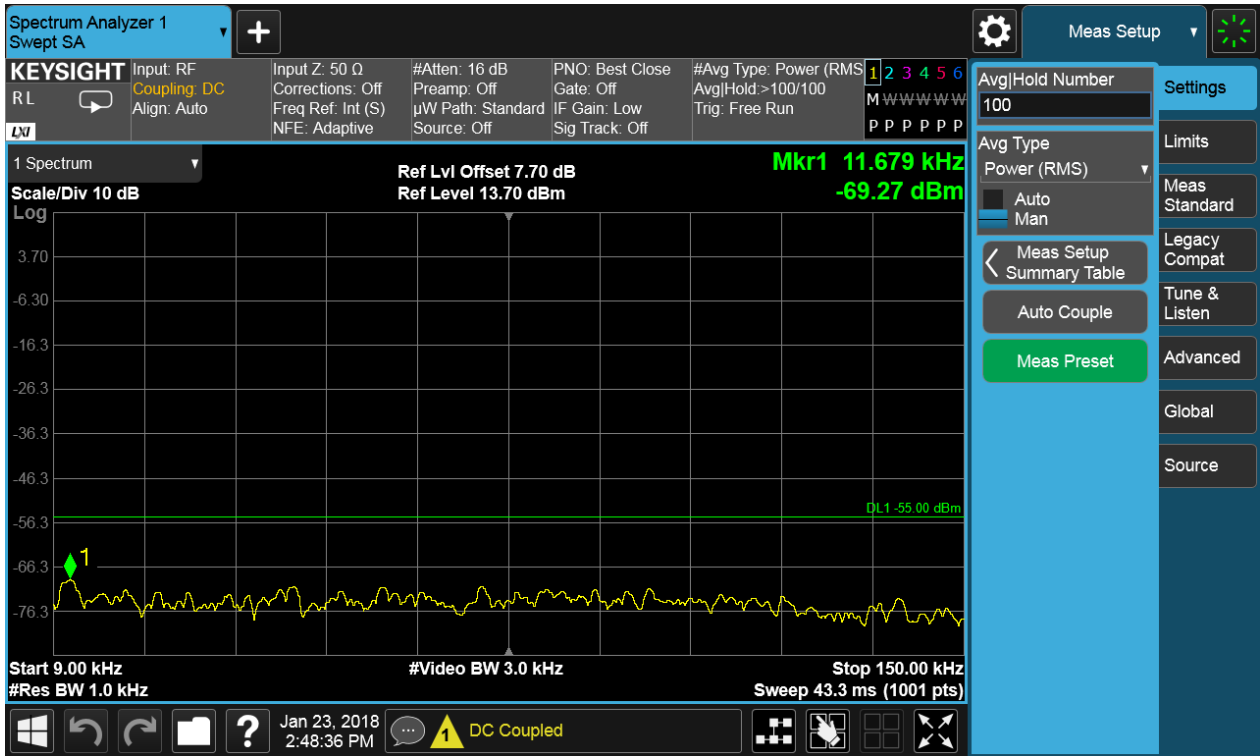
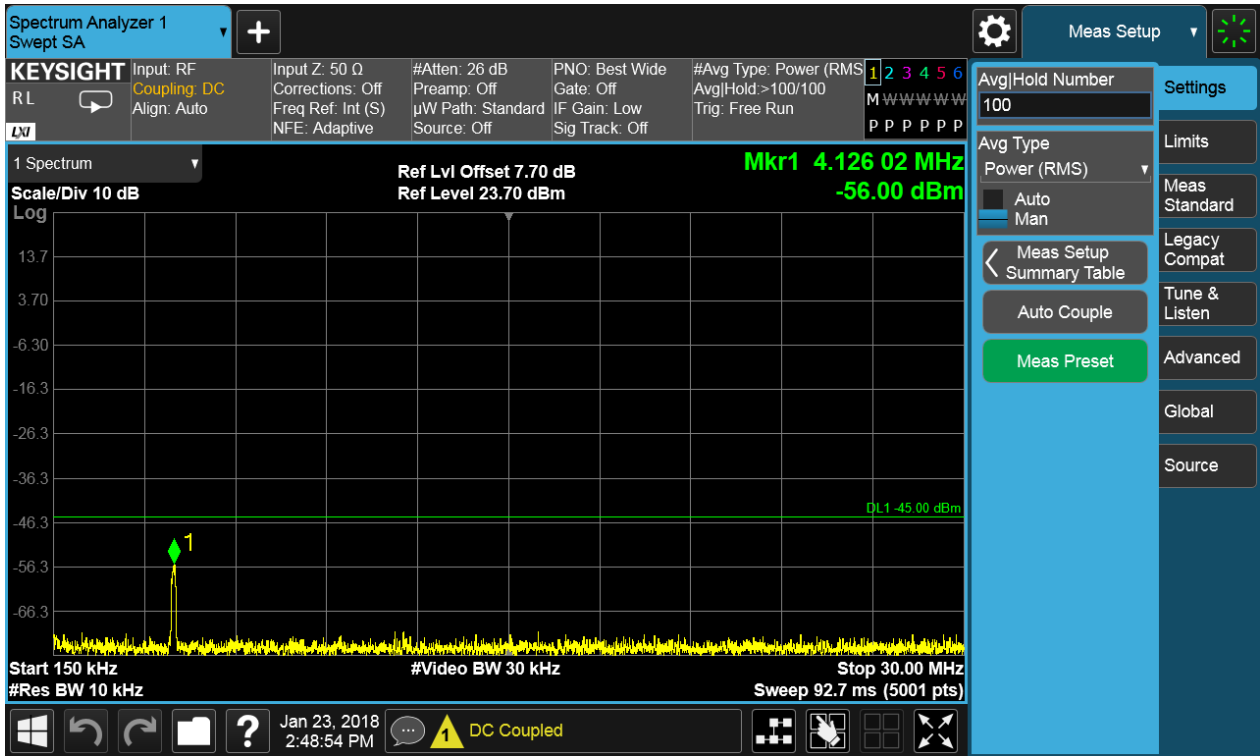
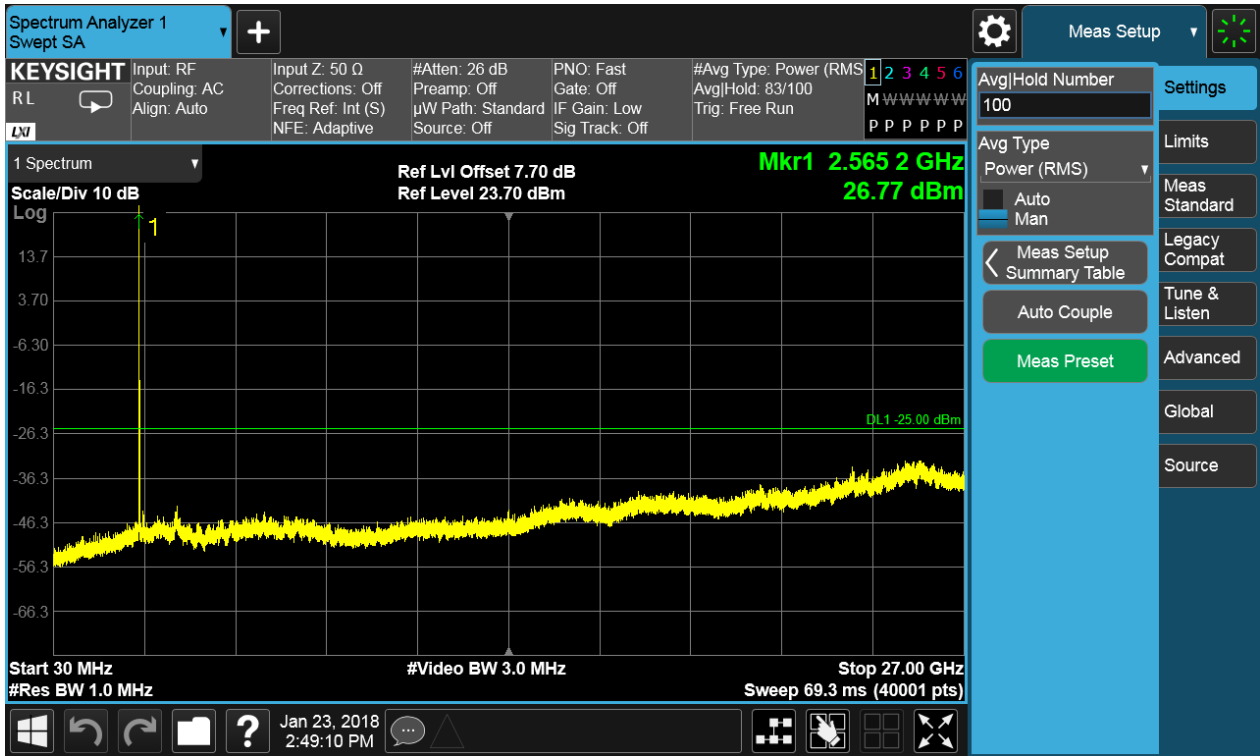


6.1.1.2.1.3 Test Channel = HCH

6.1.1.2.1.3.1 Test RB = RB1#0



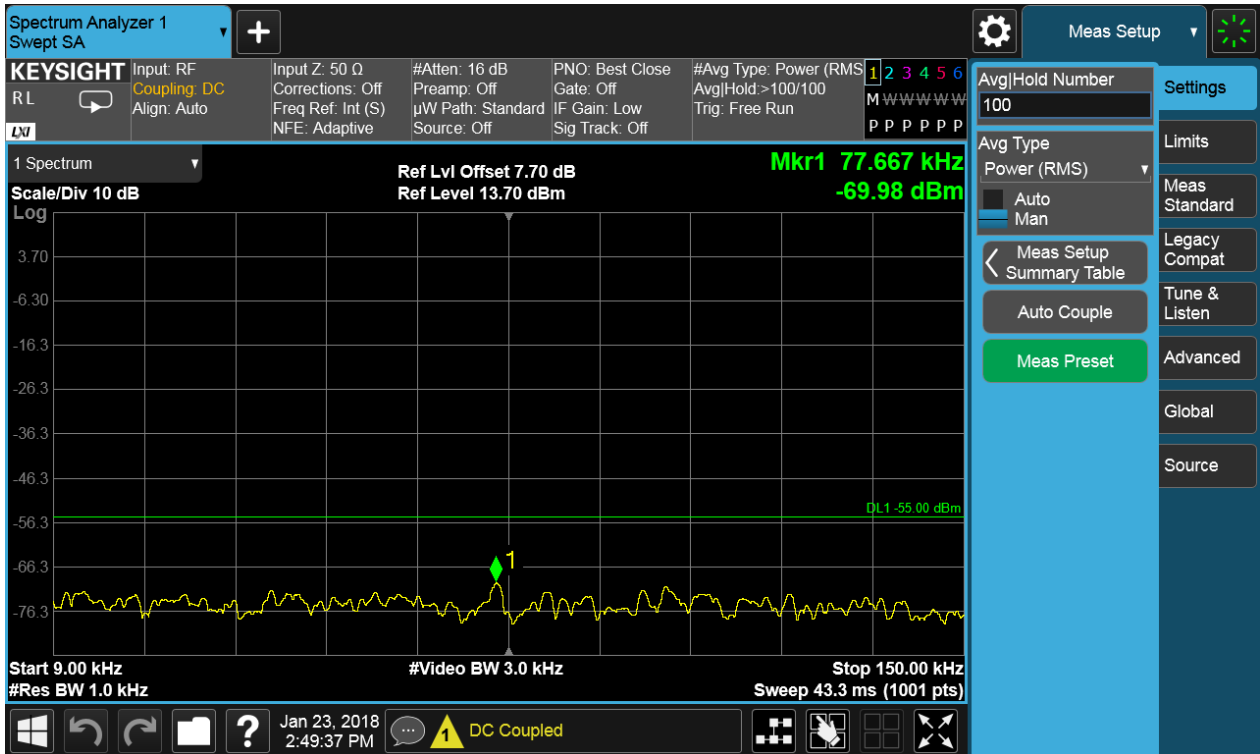


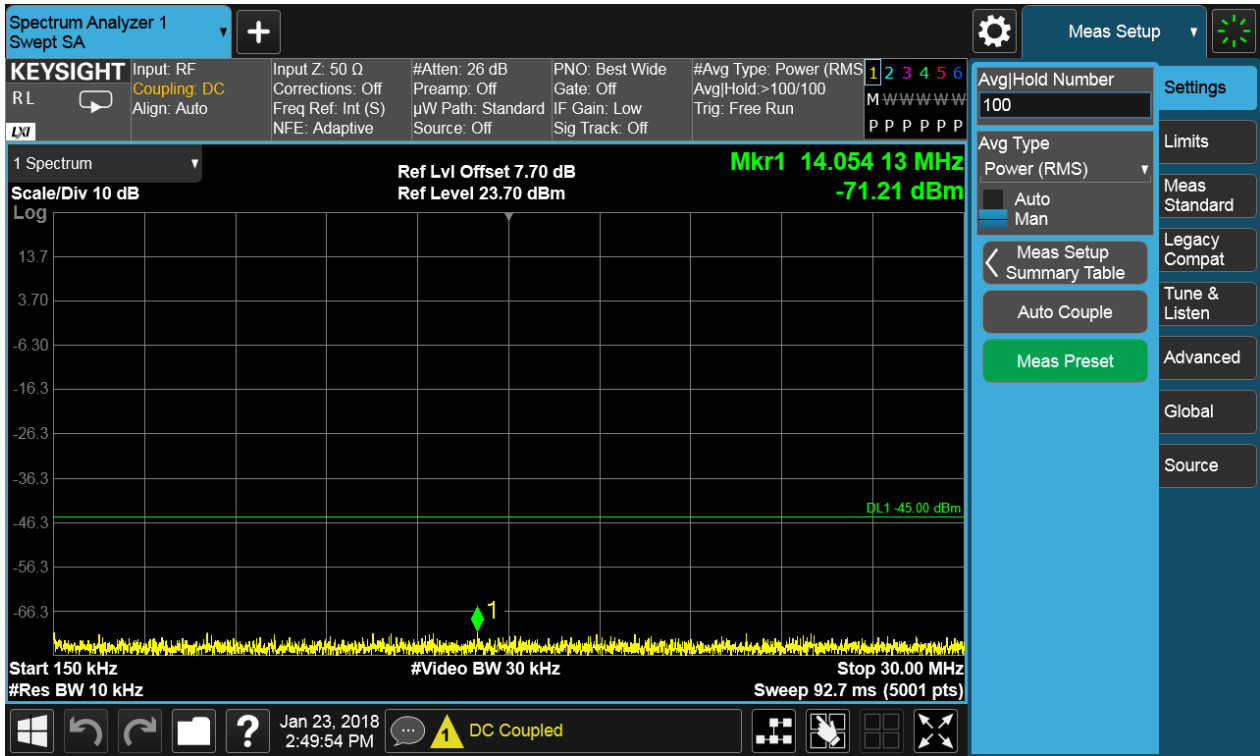


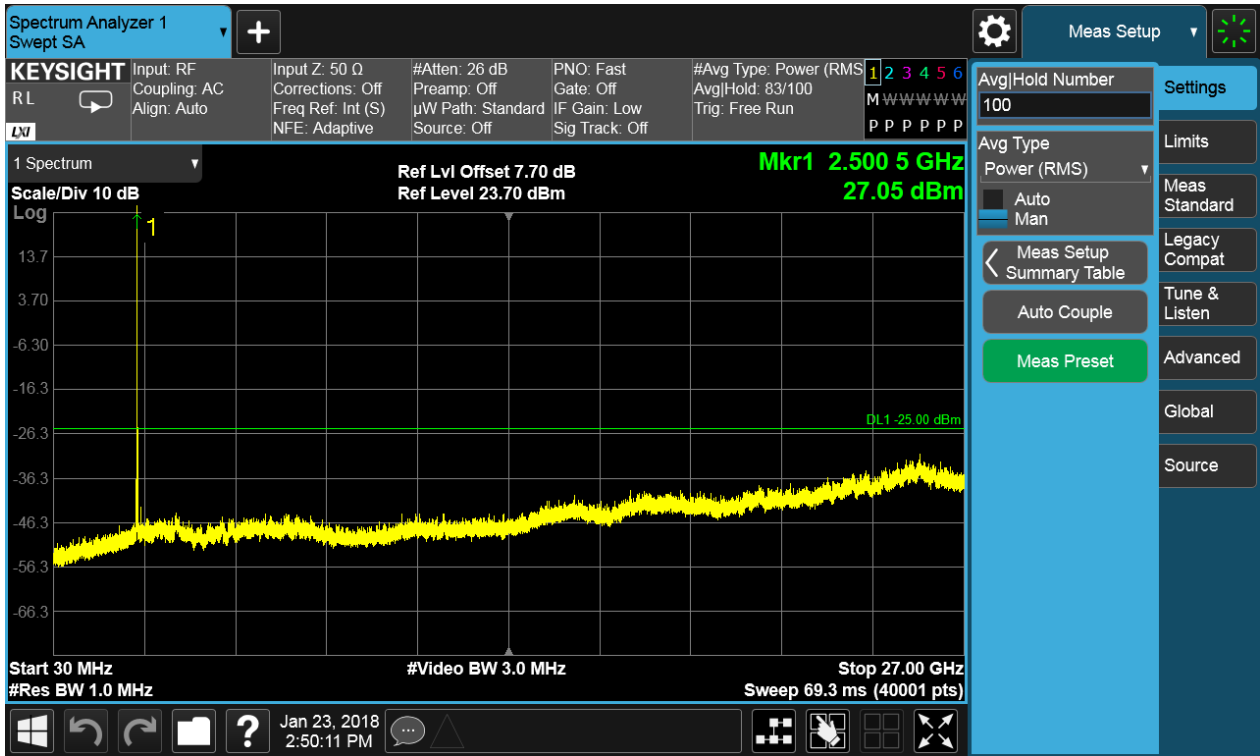
6.1.1.2.2 Test Bandwidth = 10

6.1.1.2.2.1 Test Channel = LCH

6.1.1.2.2.1.1 Test RB = RB1#0

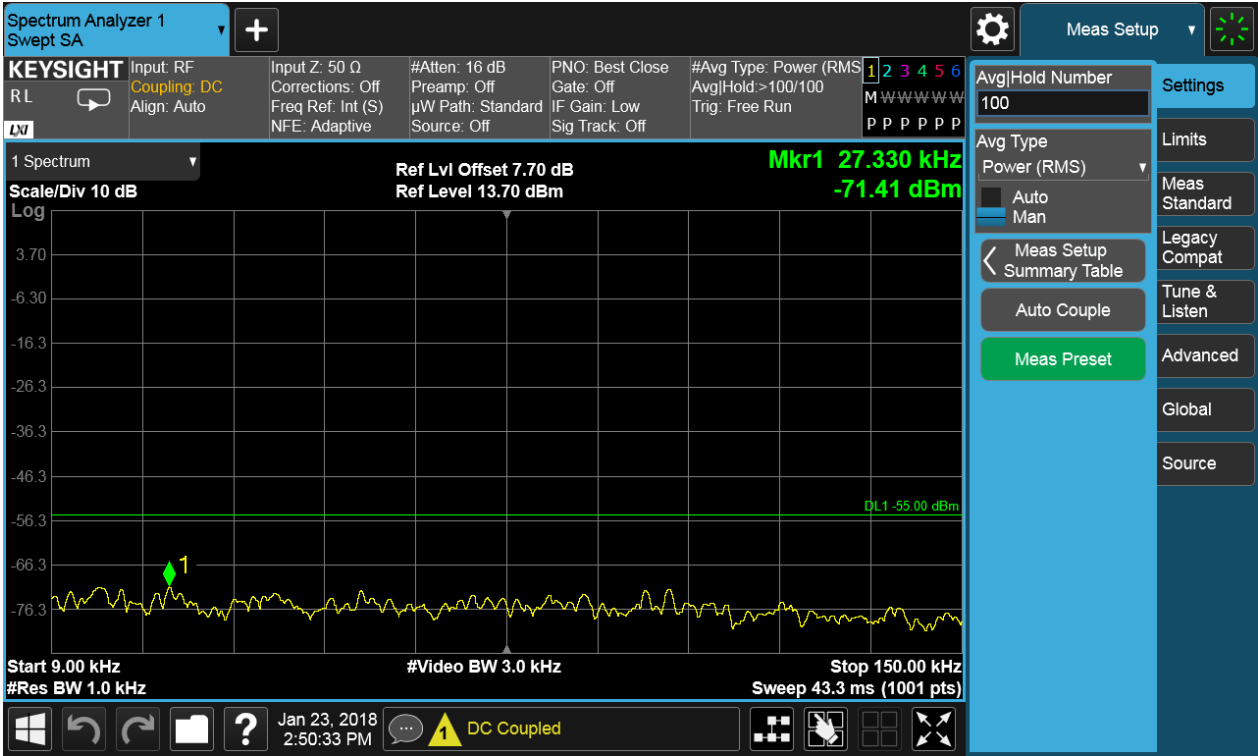


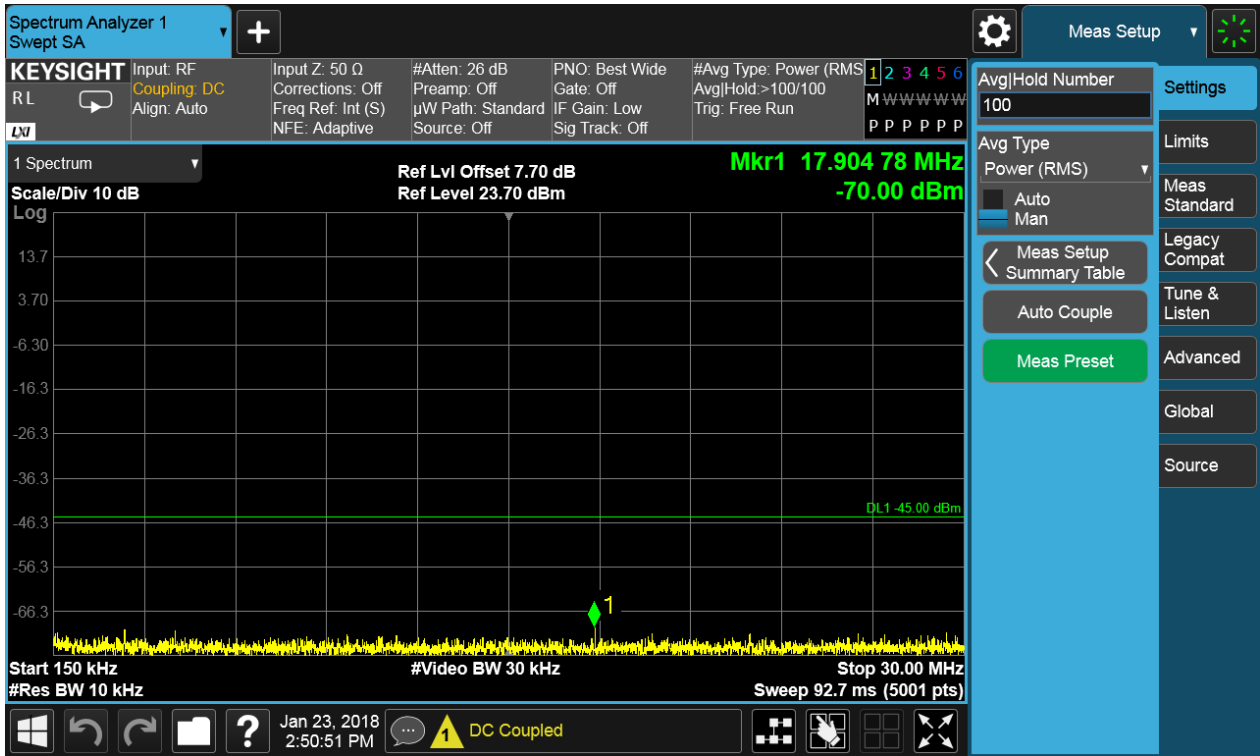


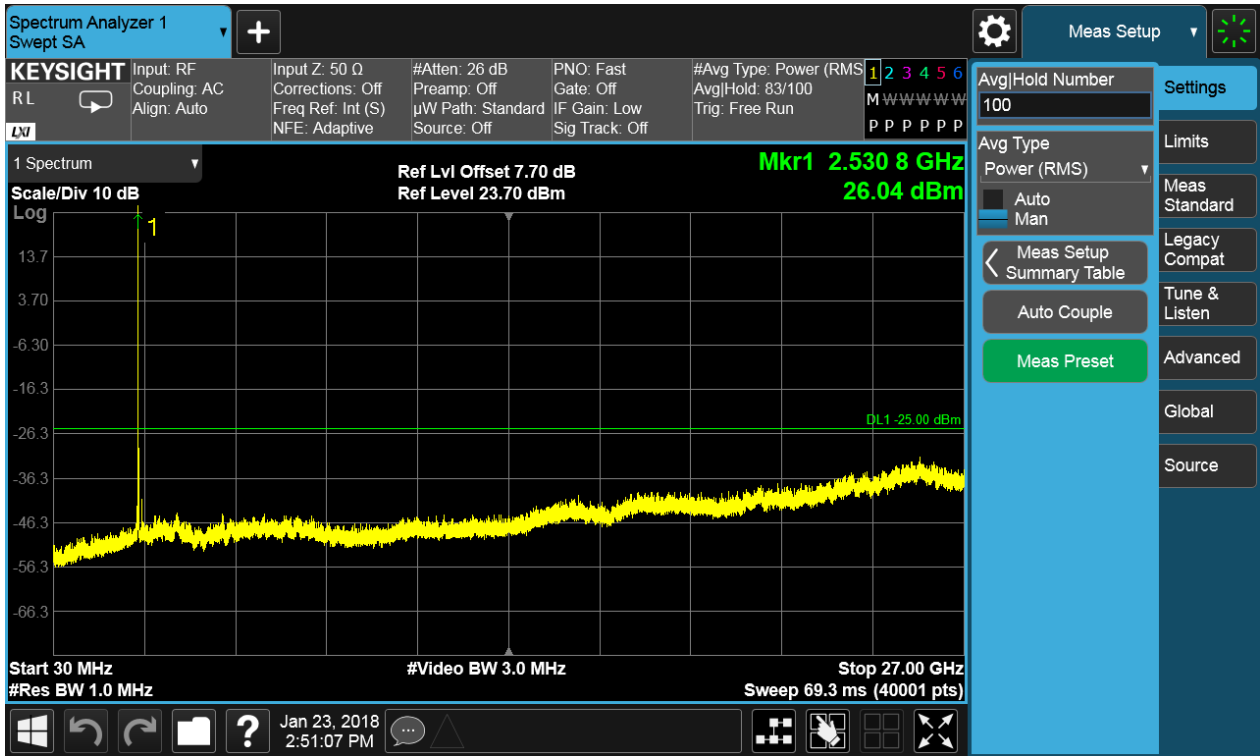


6.1.1.2.2.2 Test Channel = MCH

6.1.1.2.2.2.1 Test RB = RB1#0

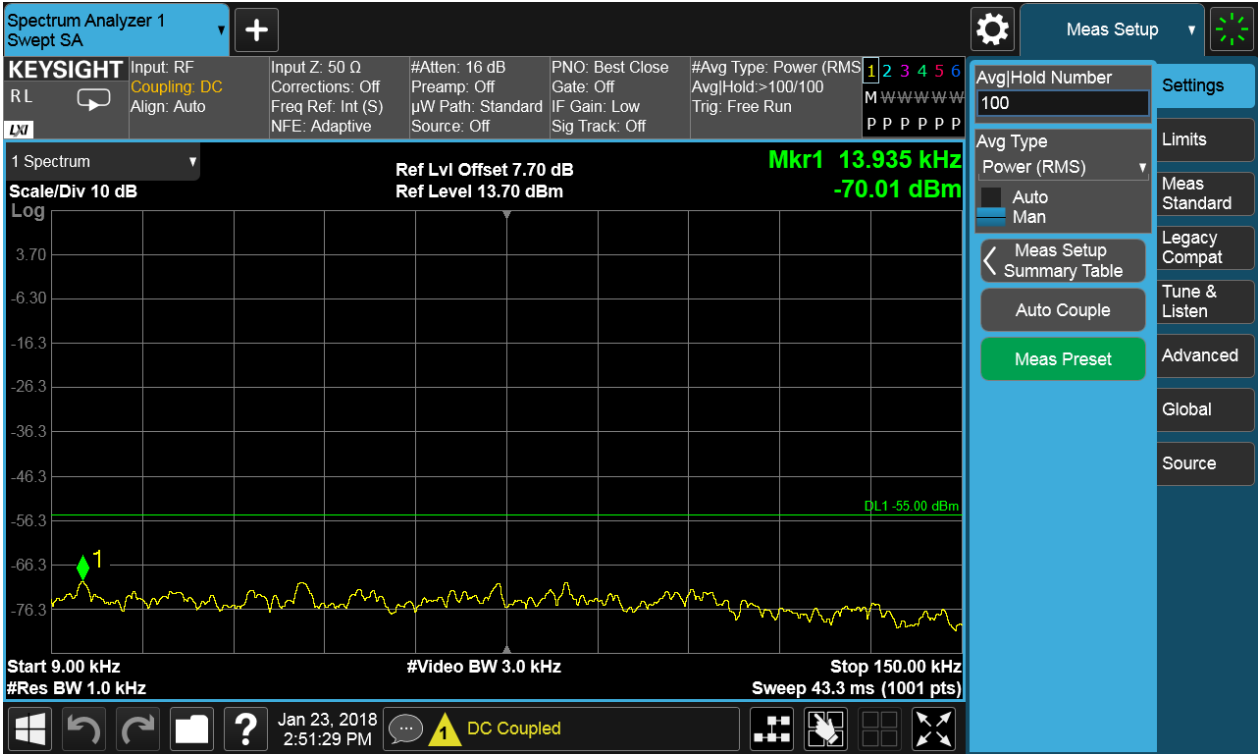


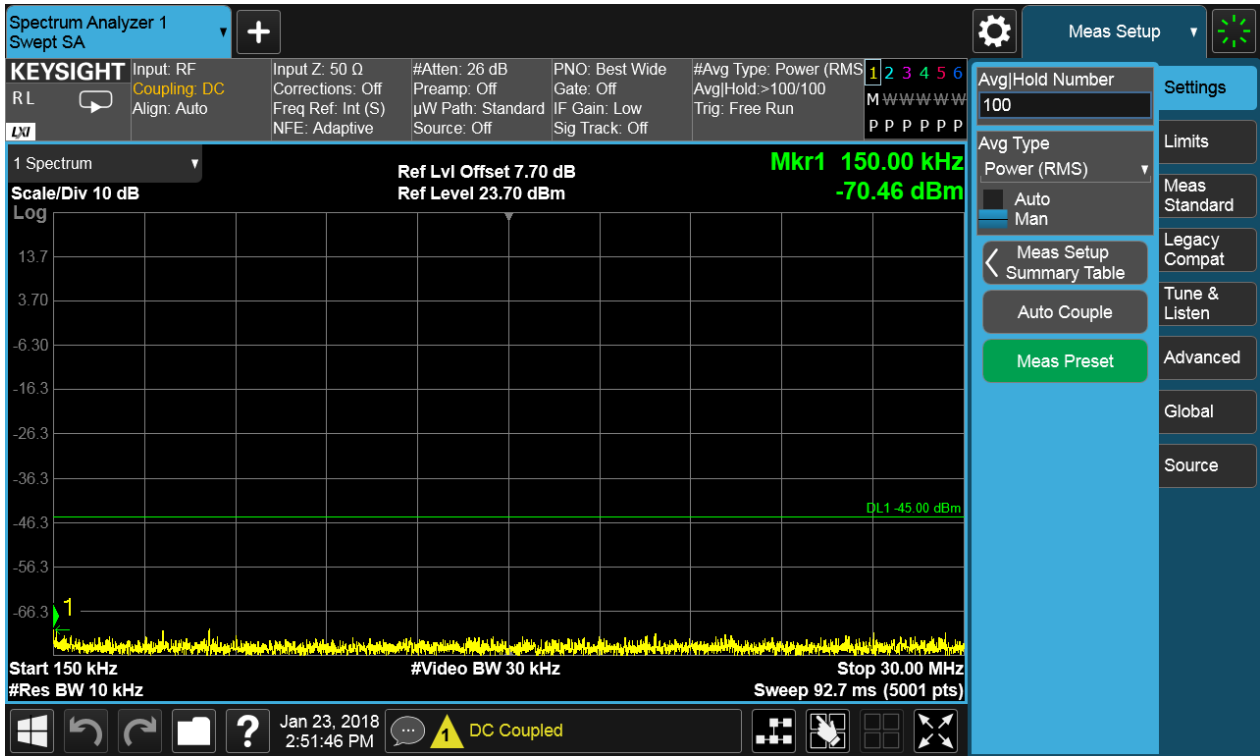


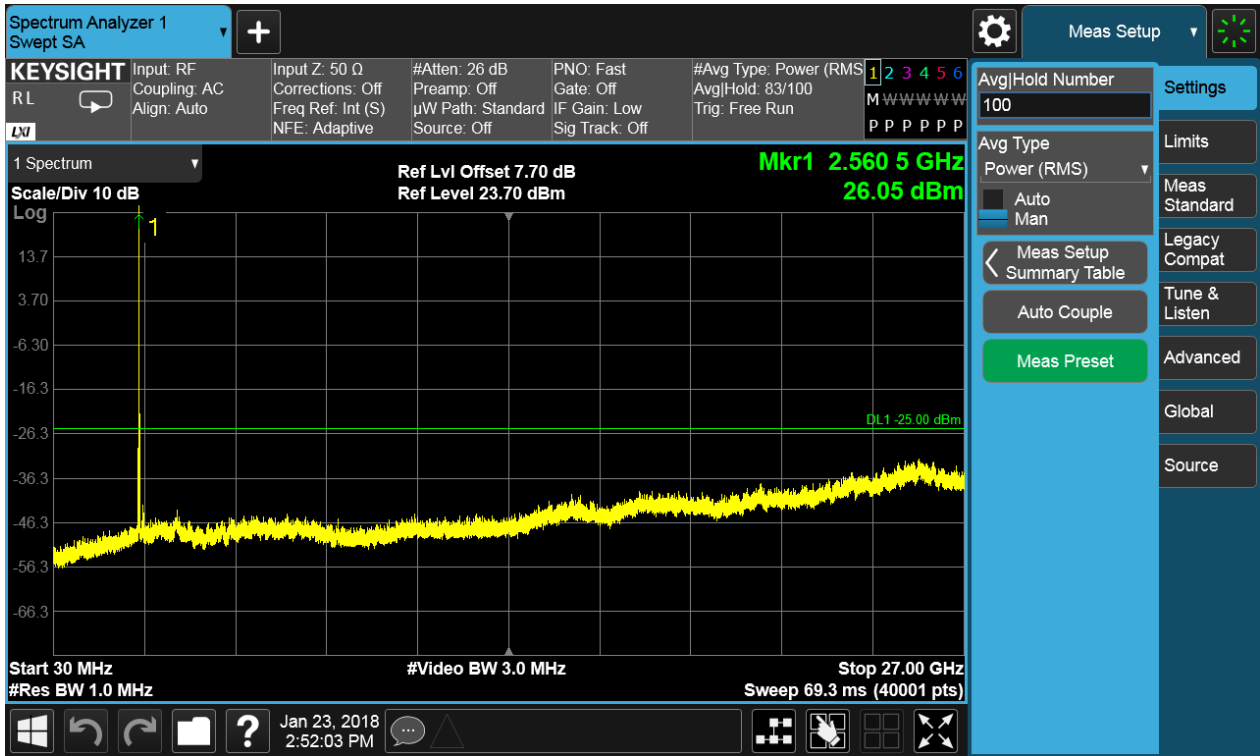


6.1.1.2.2.3 Test Channel = HCH

6.1.1.2.2.3.1 Test RB = RB1#0



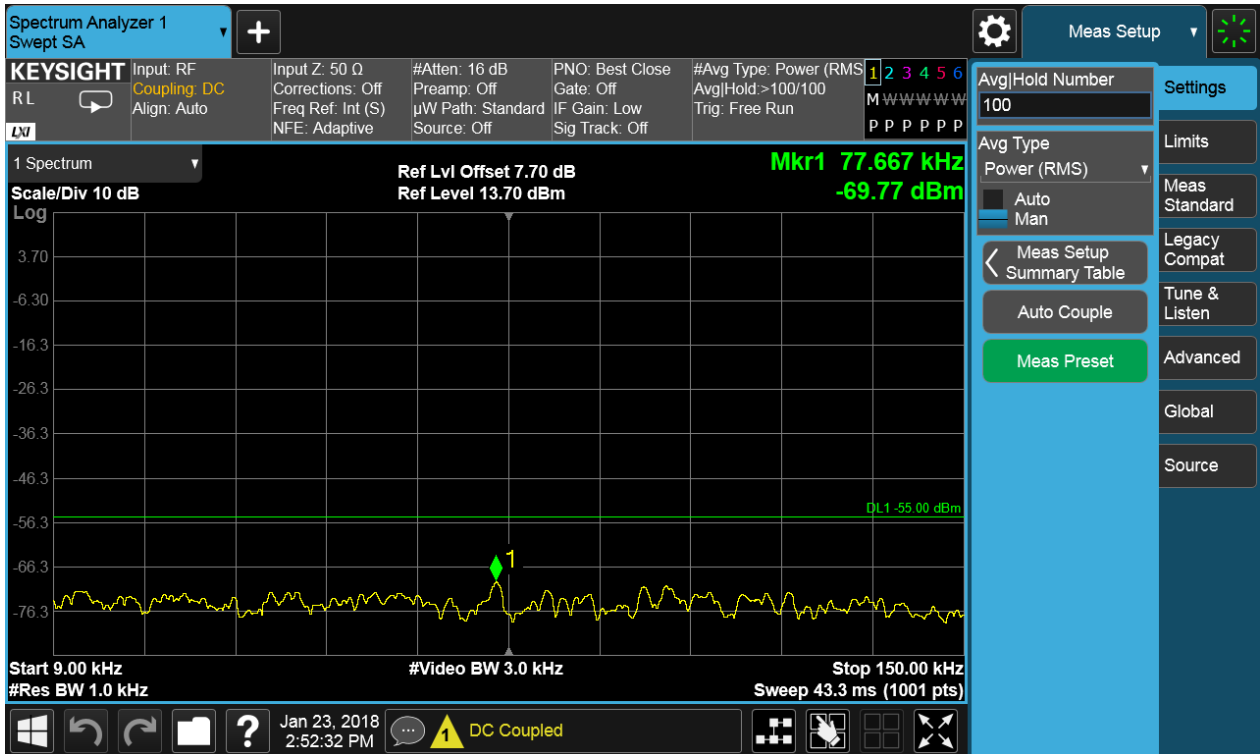


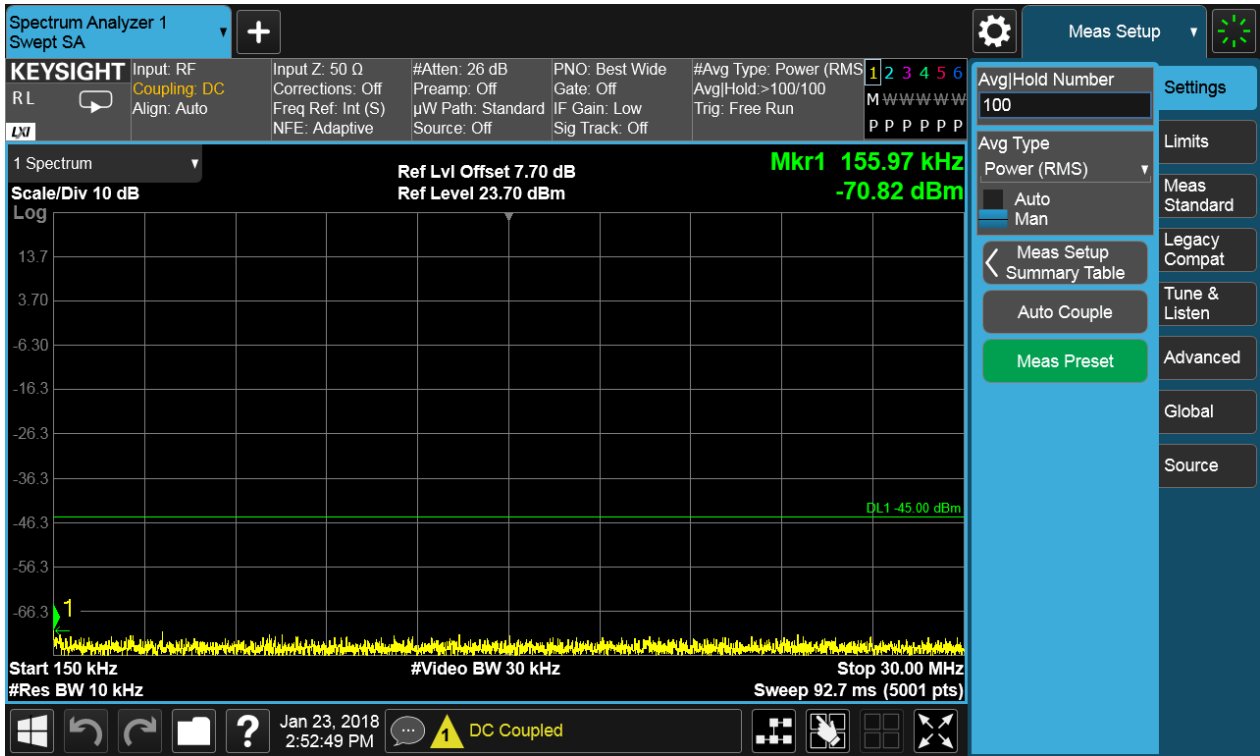


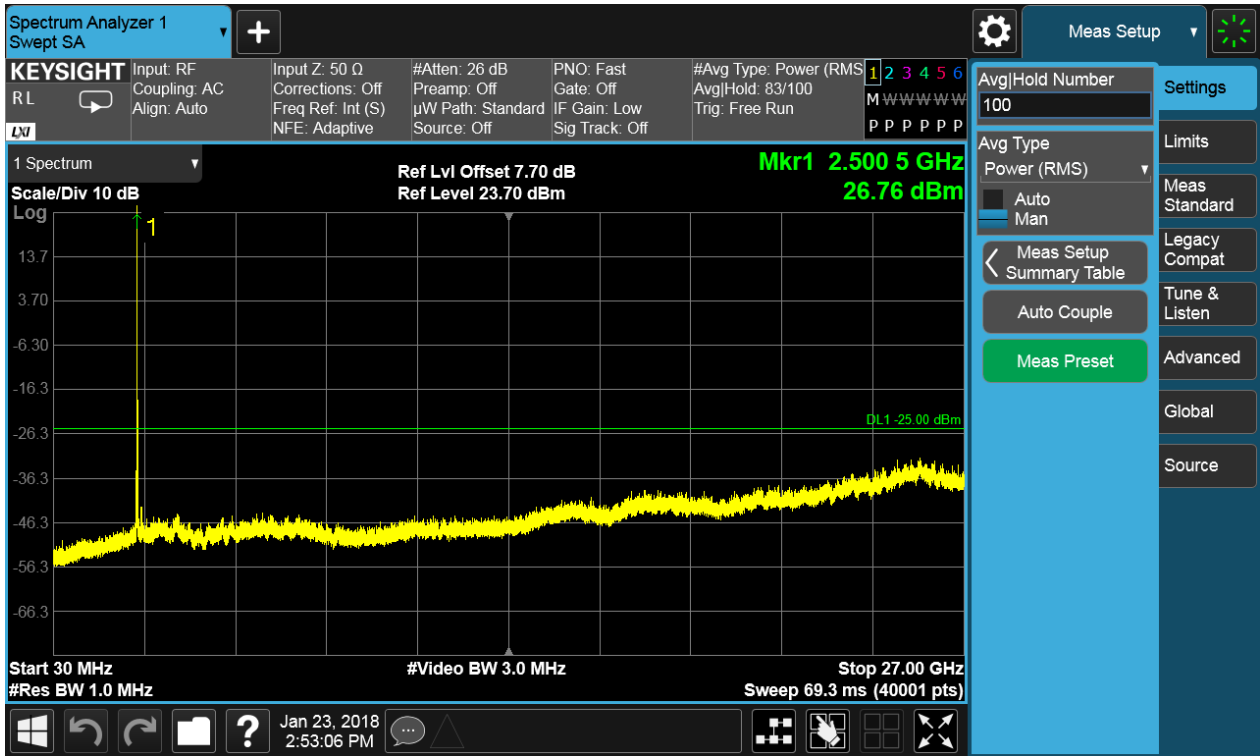
6.1.1.2.3 Test Bandwidth = 15

6.1.1.2.3.1 Test Channel = LCH

6.1.1.2.3.1.1 Test RB = RB1#0

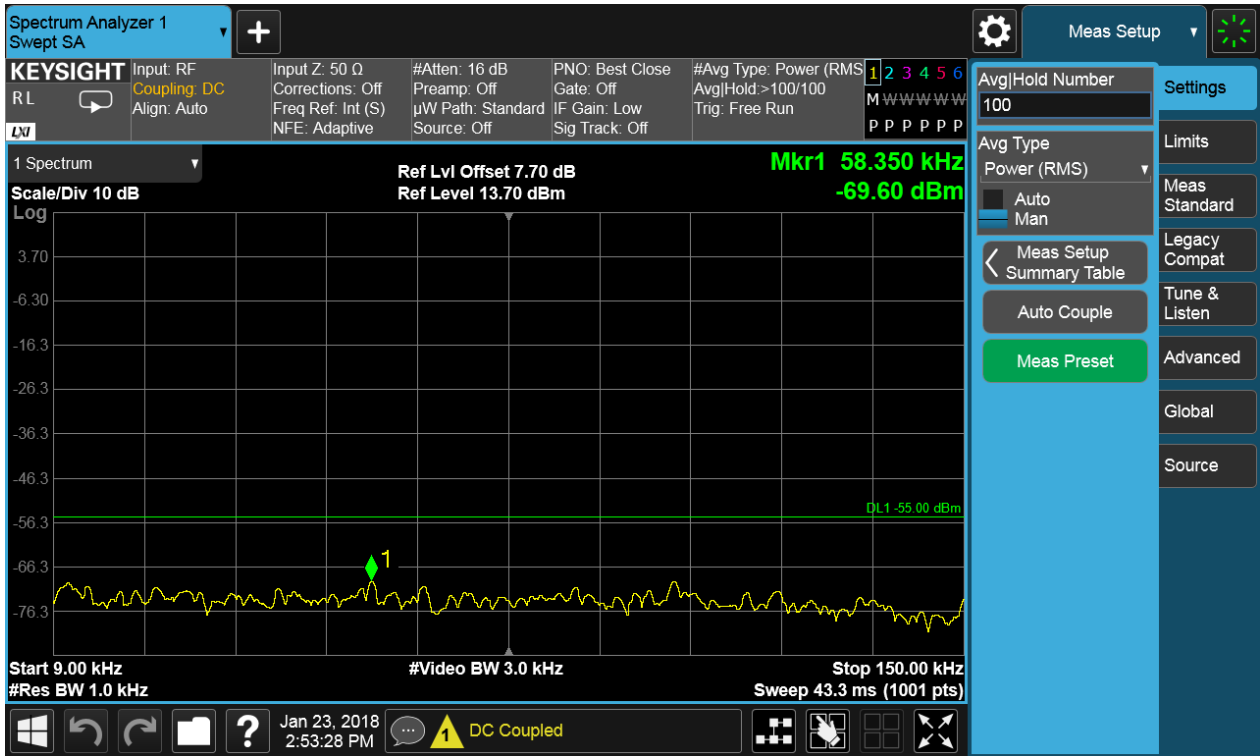


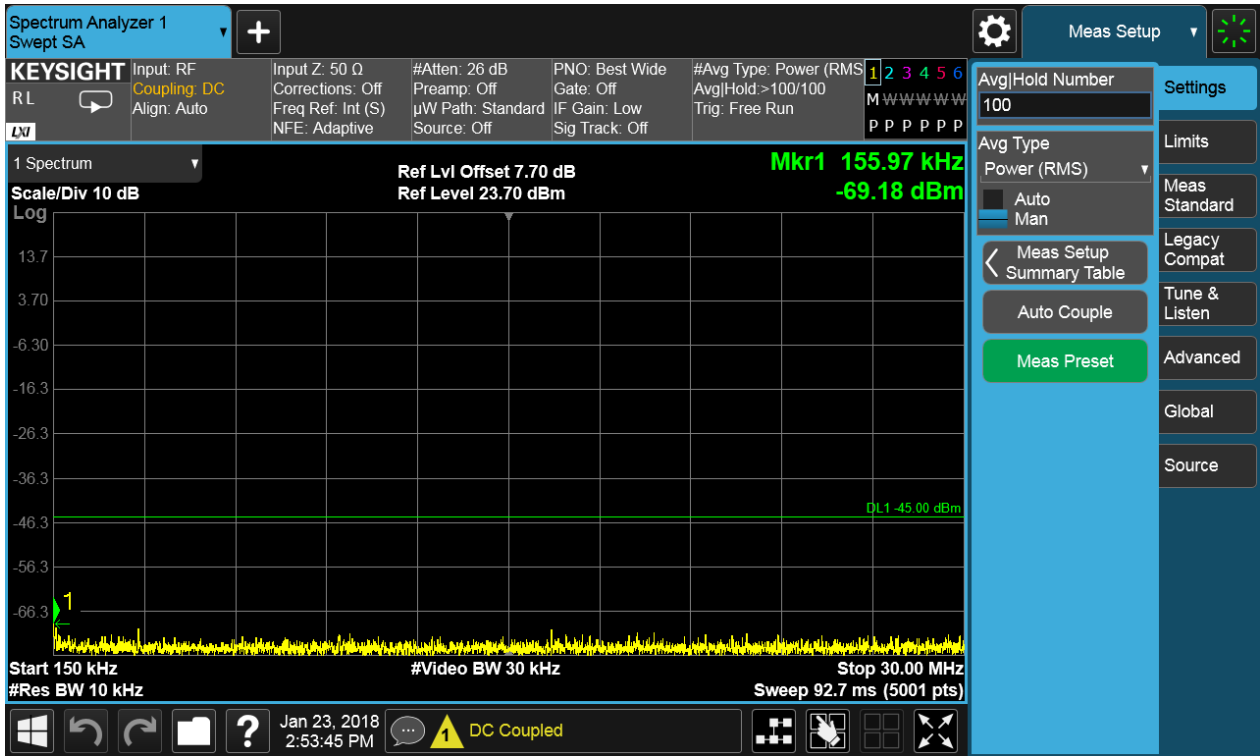


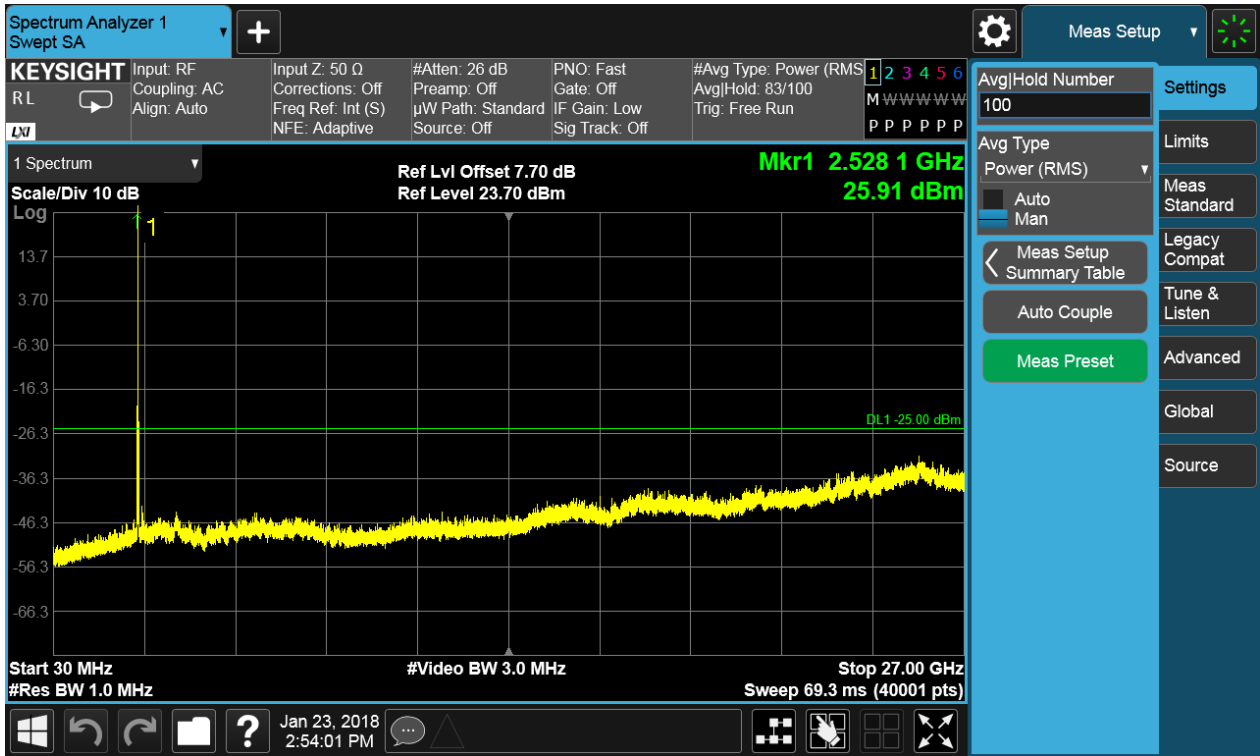


6.1.1.2.3.2 Test Channel = MCH

6.1.1.2.3.2.1 Test RB = RB1#0

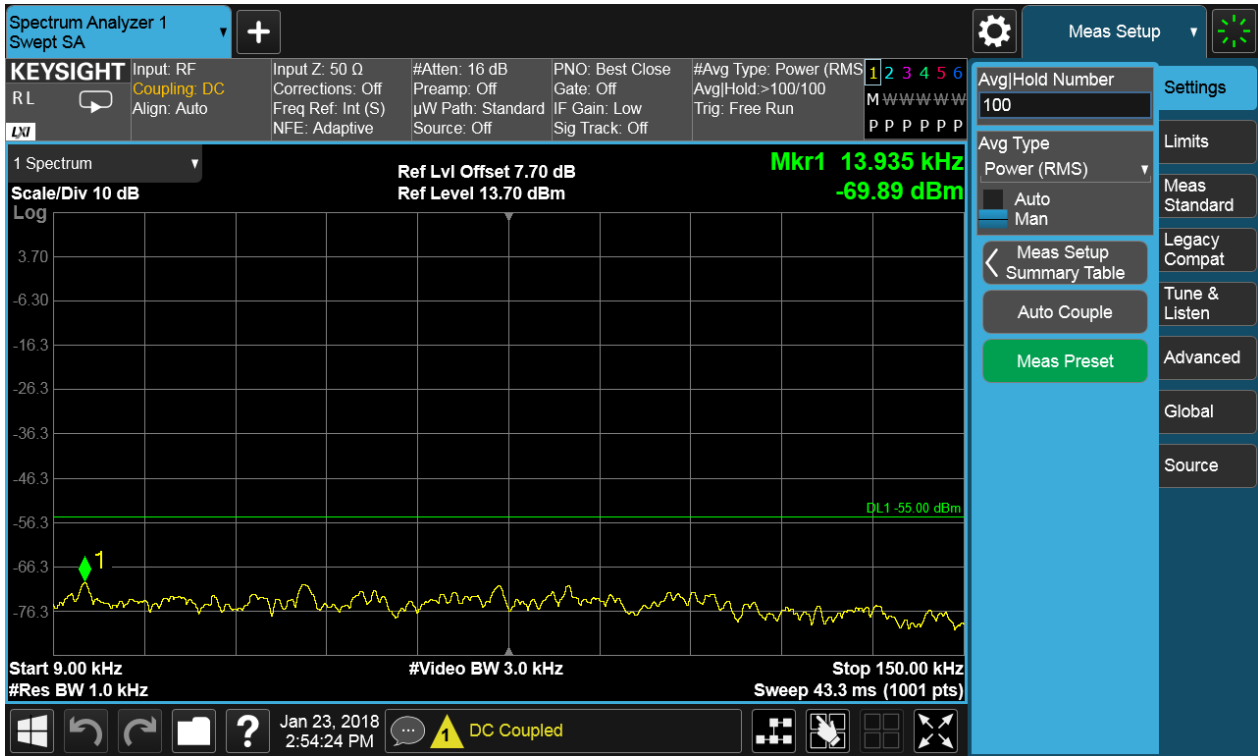


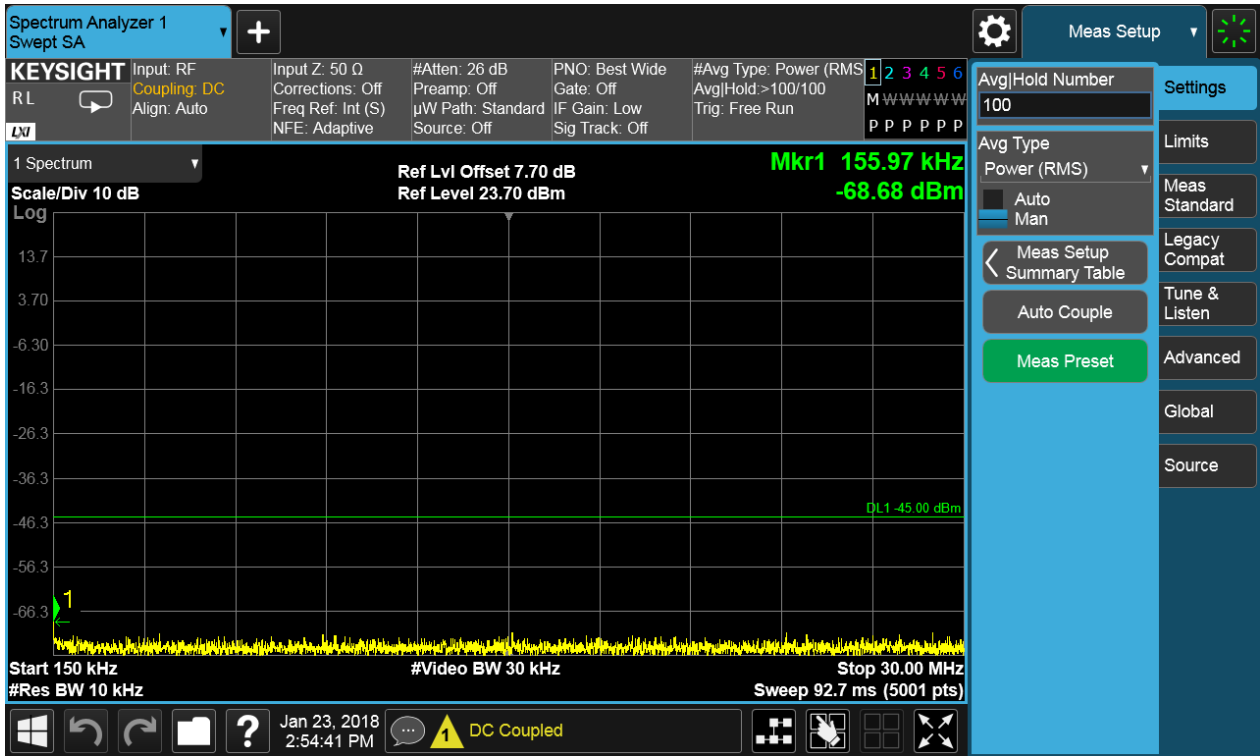


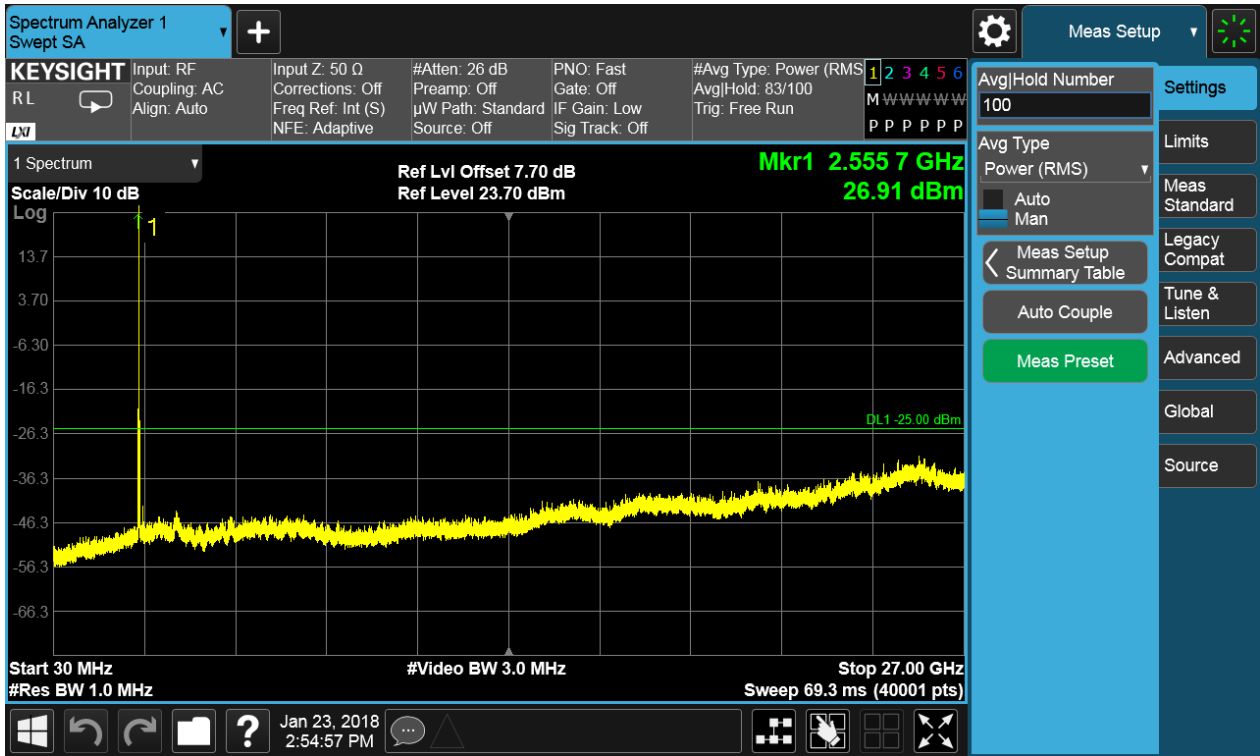


6.1.1.2.3.3 Test Channel = HCH

6.1.1.2.3.3.1 Test RB = RB1#0



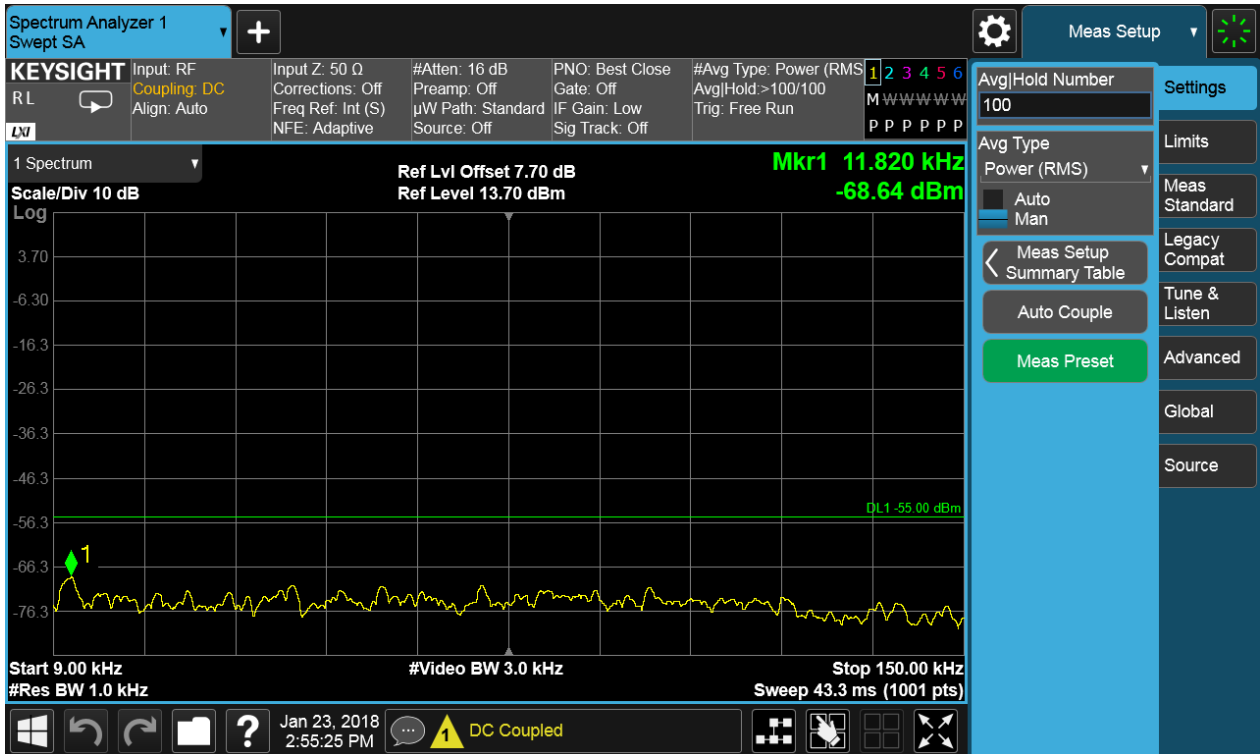


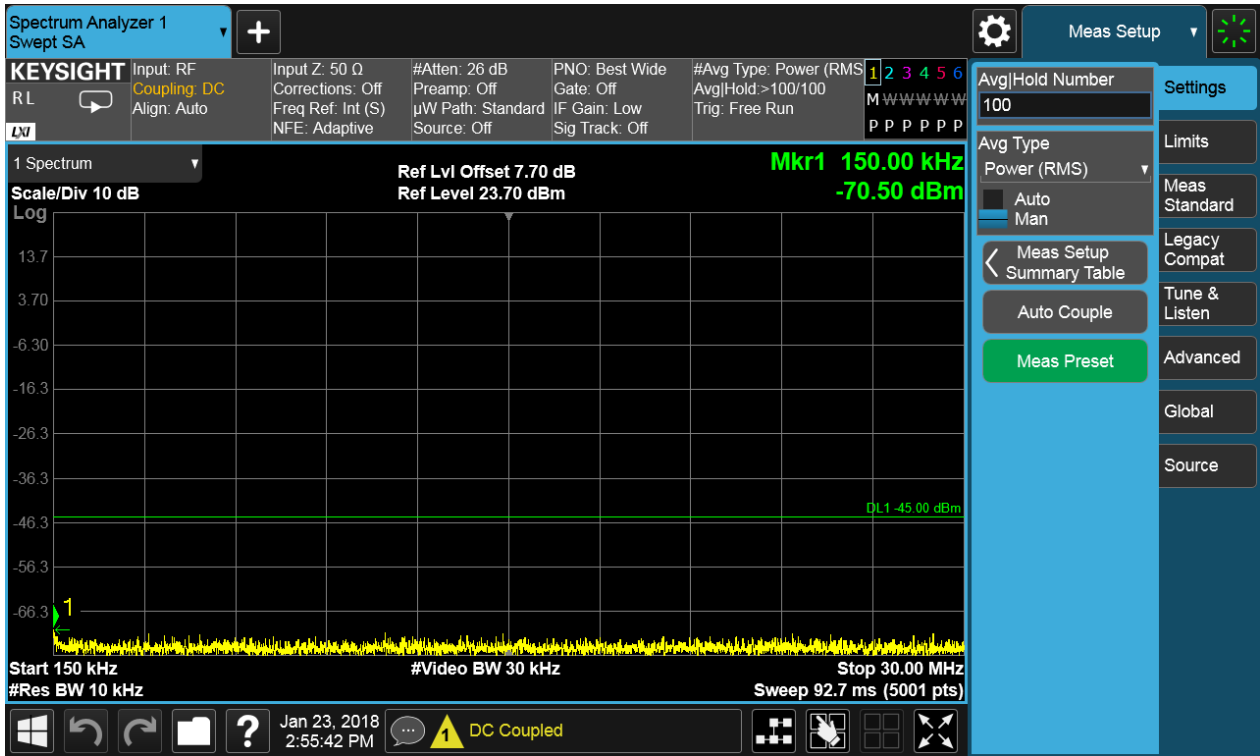


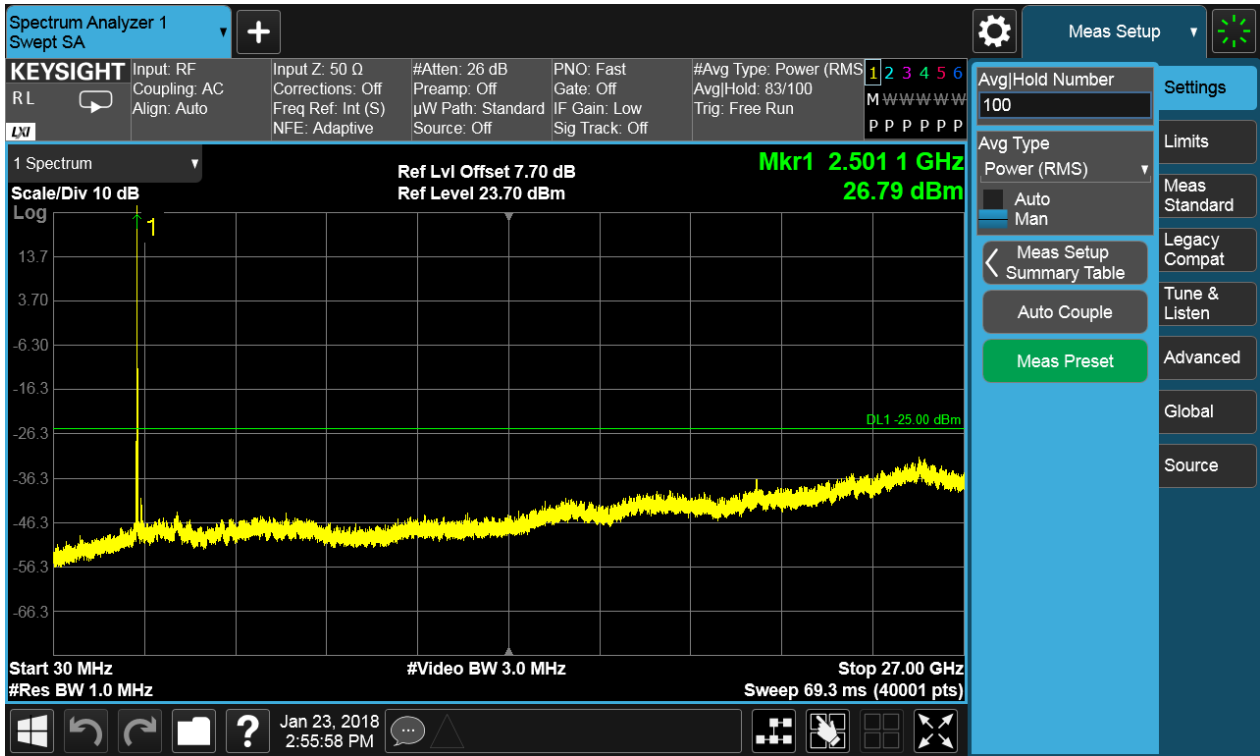
6.1.1.2.4 Test Bandwidth = 20

6.1.1.2.4.1 Test Channel = LCH

6.1.1.2.4.1.1 Test RB = RB1#0

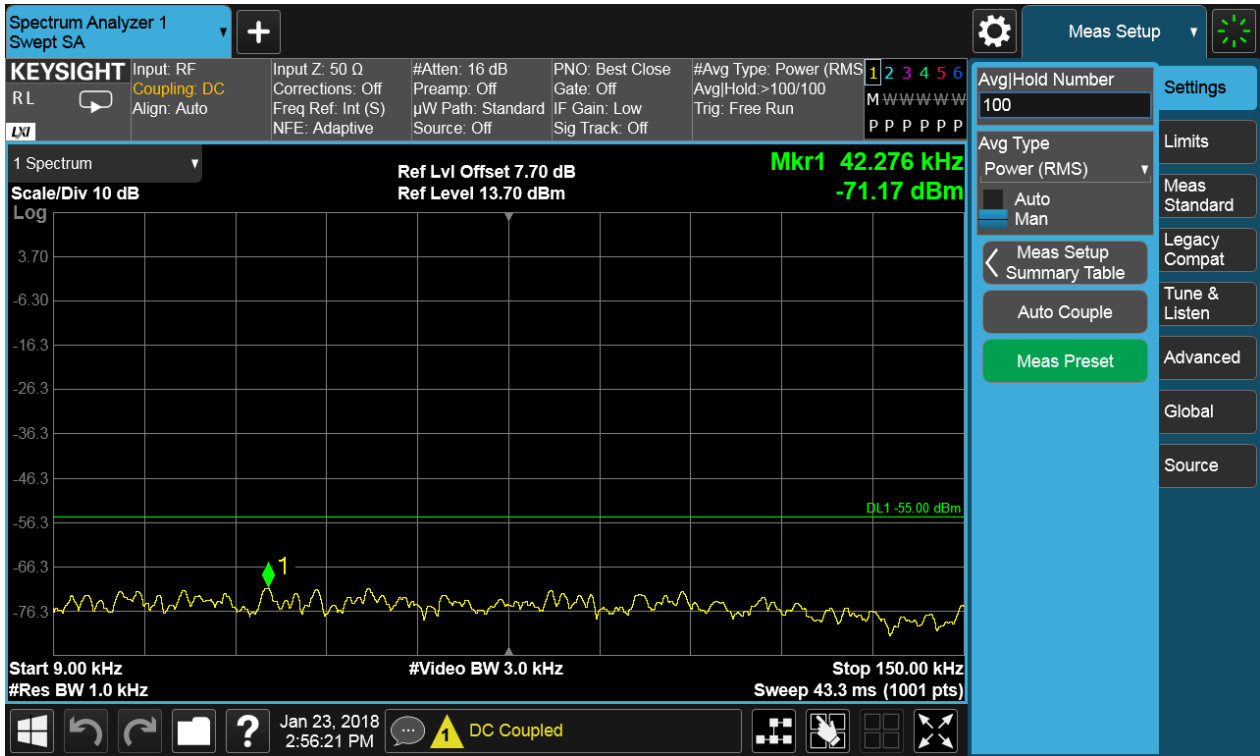


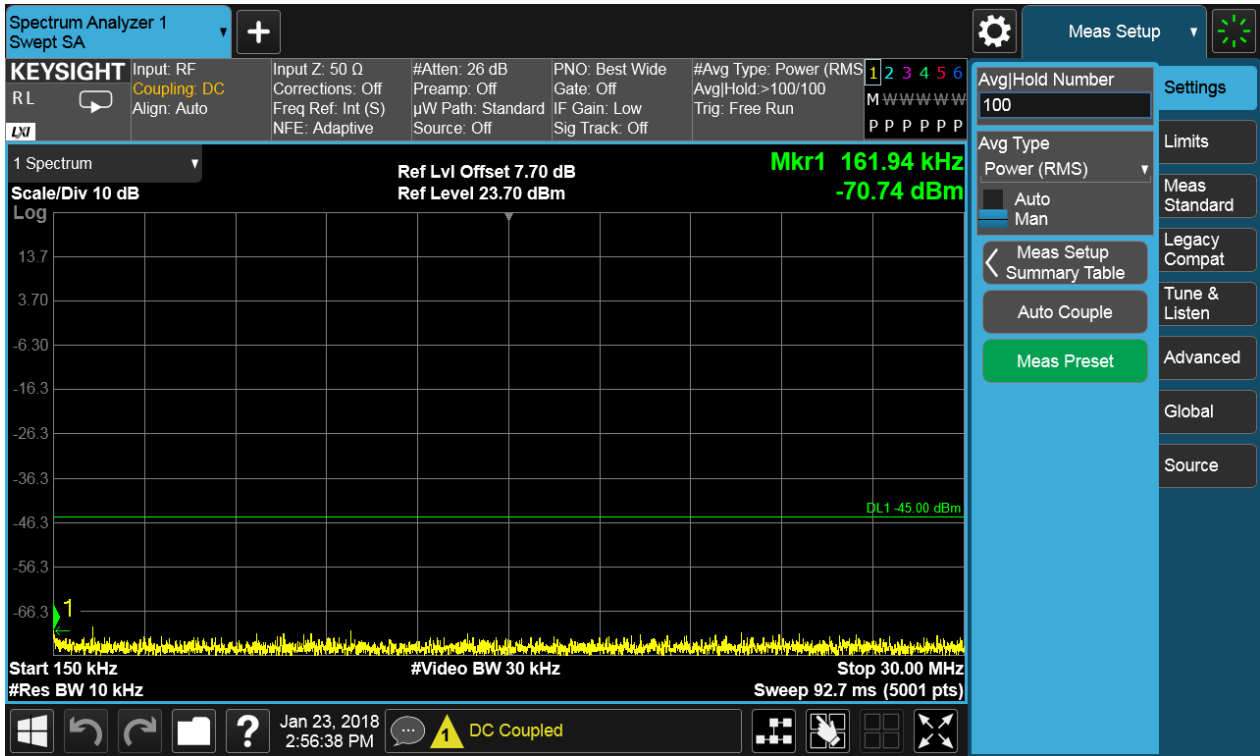


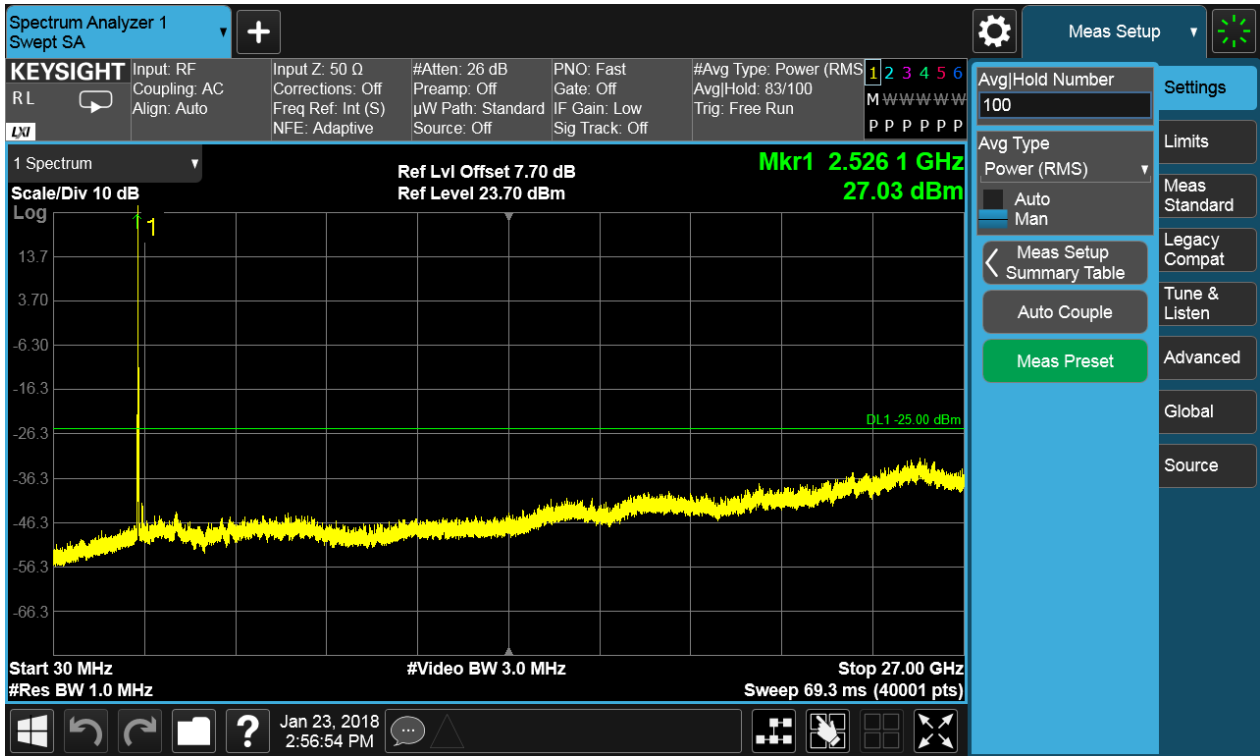


6.1.1.2.4.2 Test Channel = MCH

6.1.1.2.4.2.1 Test RB = RB1#0

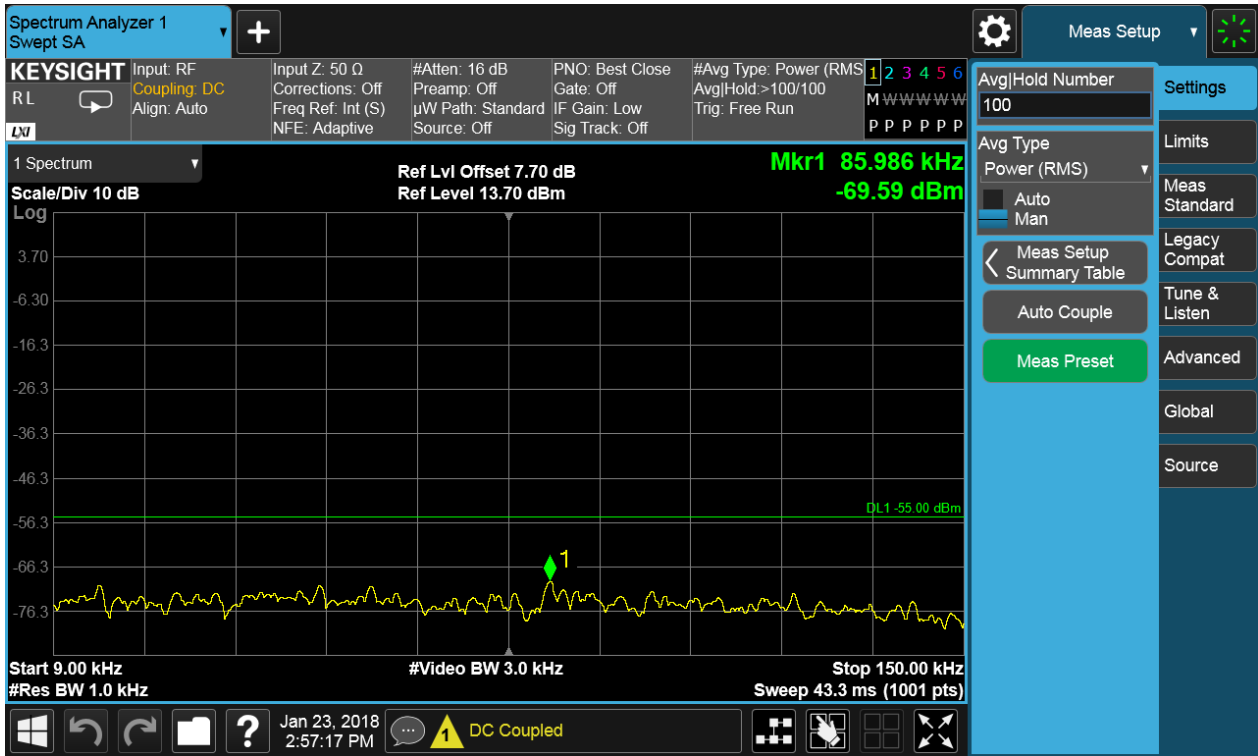


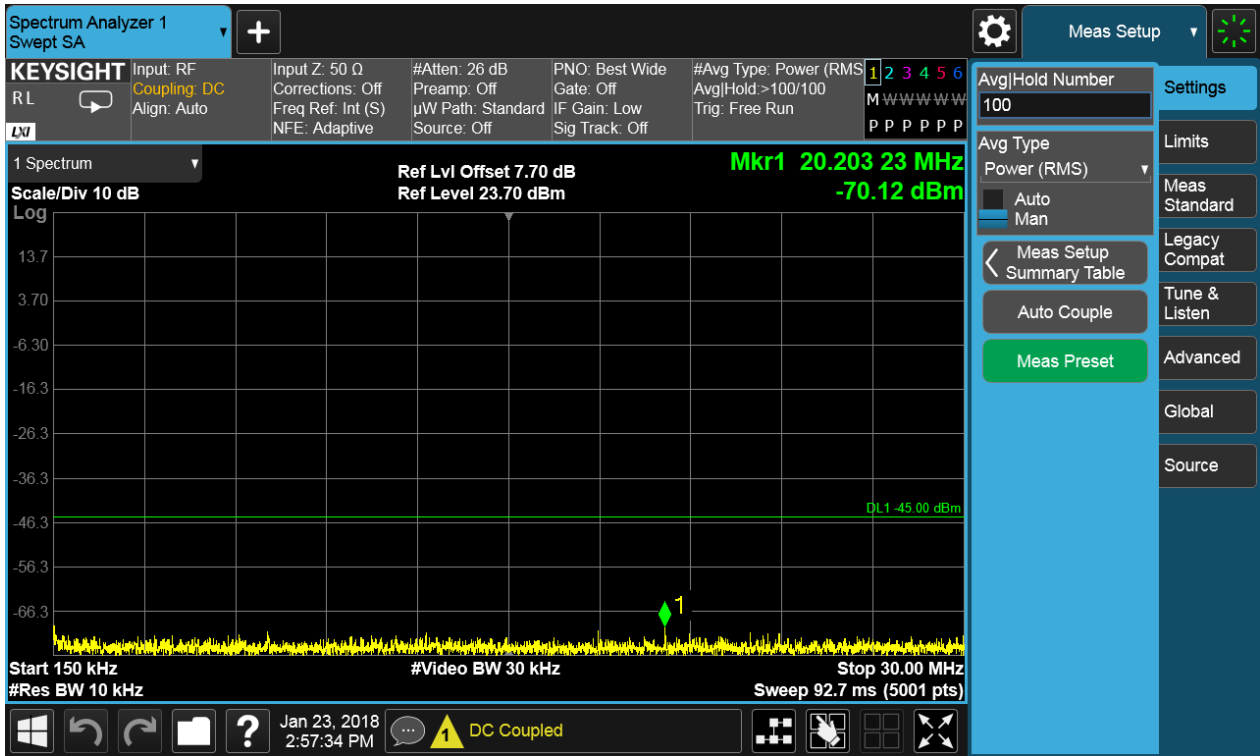


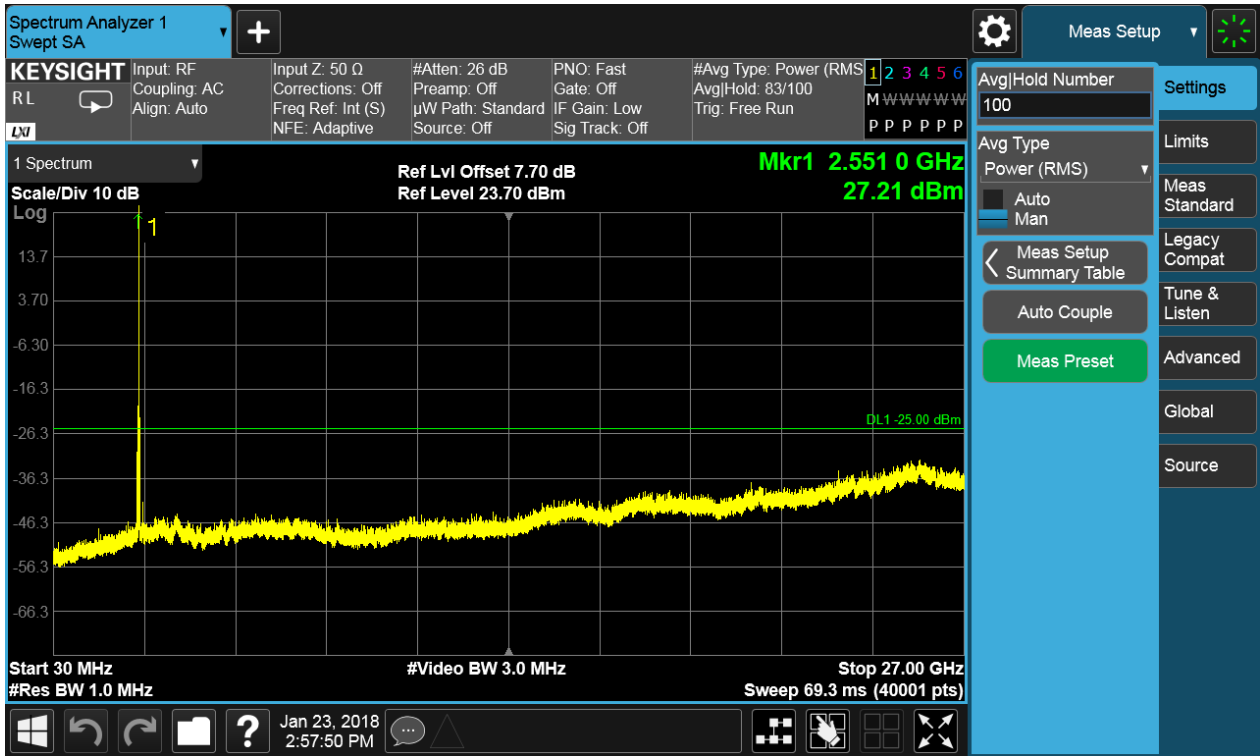


6.1.1.2.4.3 Test Channel = HCH

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

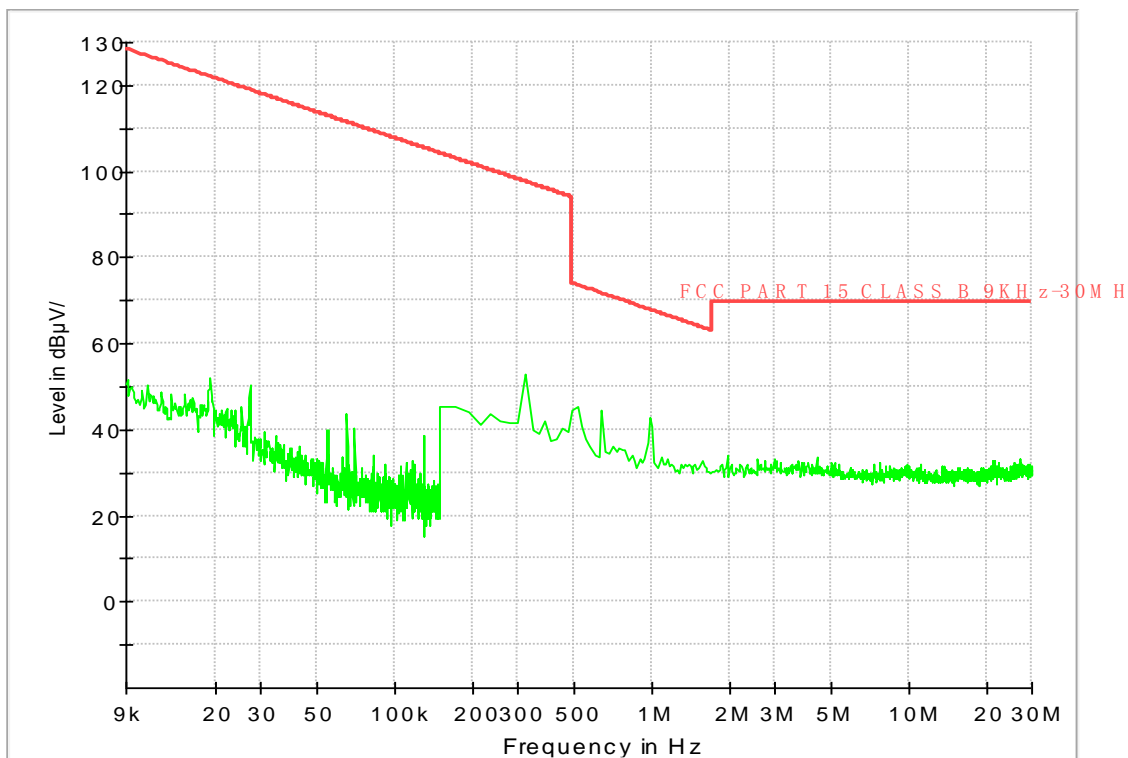
Above 1GHz, RBW = 1 MHz, VBW = 3 MHz. Detector: PK

Part I - Test Plots

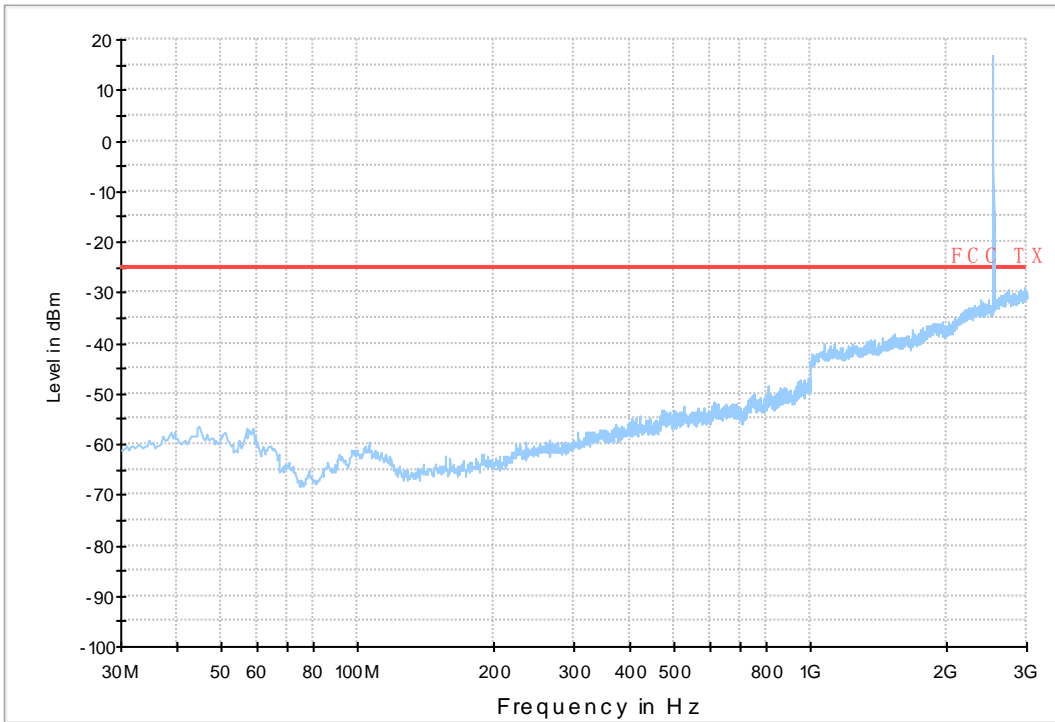
7.1 For LTE

7.1.1 Test Band = BAND7

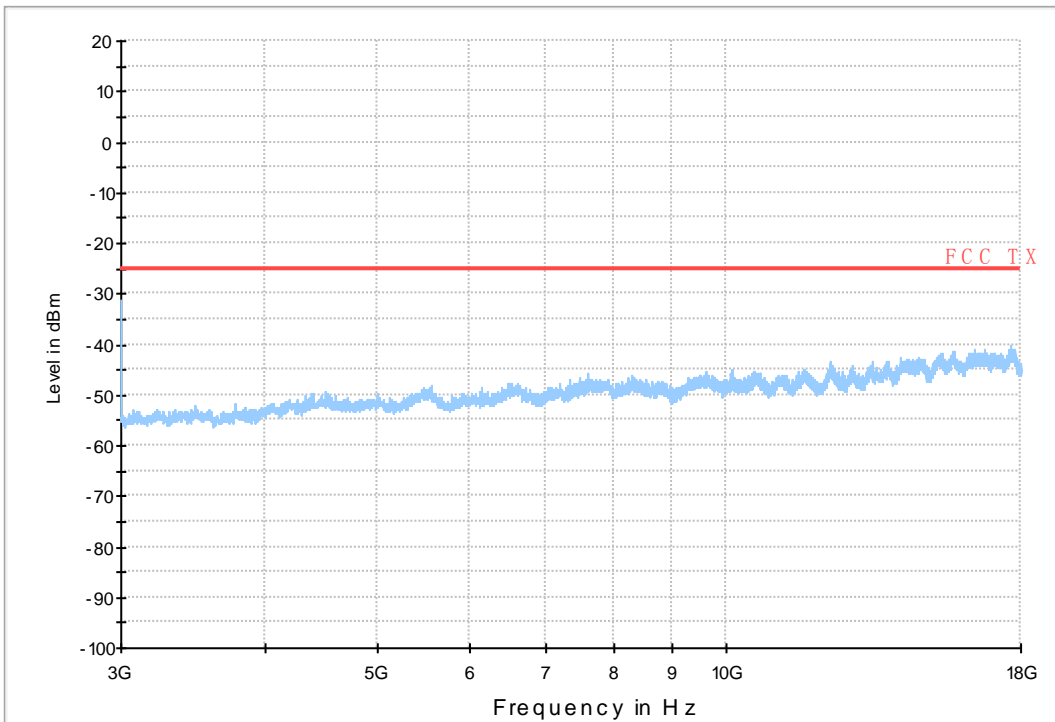
7.1.1.1 Test Bandwidth = 5

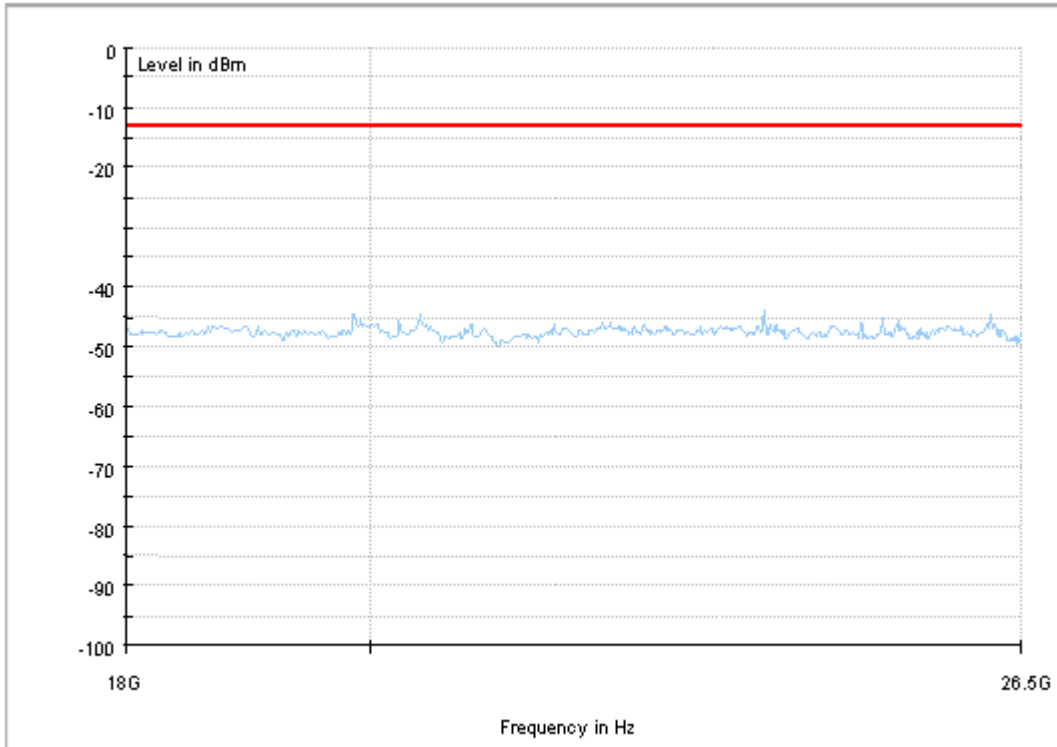


Copy of RSE-TX-DIRECTOR ABOVE 1.5G Limit -25_L

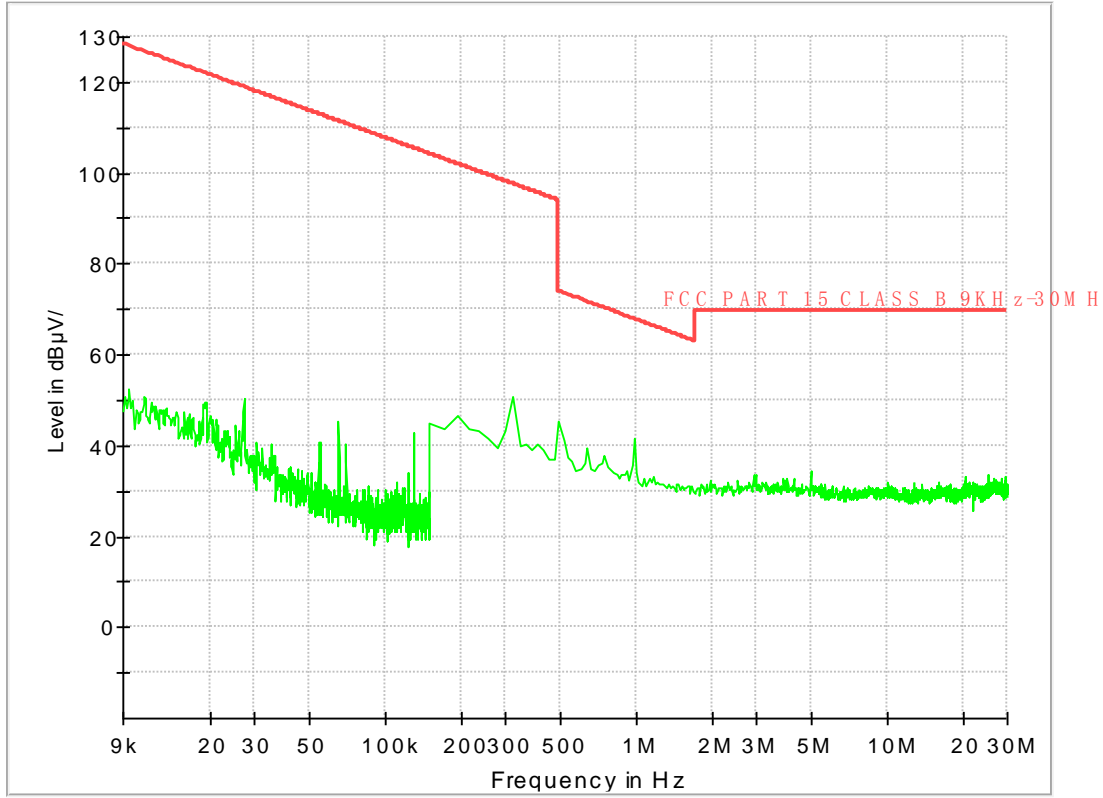


Copy of RSE-TX-DIRECTOR ABOVE 1.5G Limit -25_H

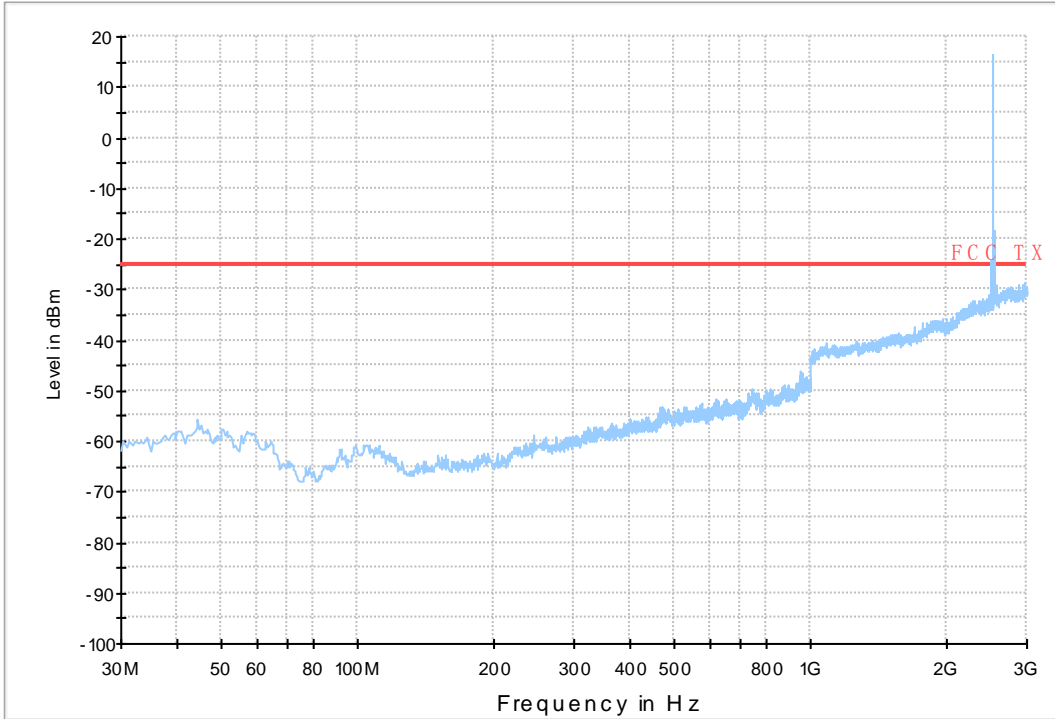




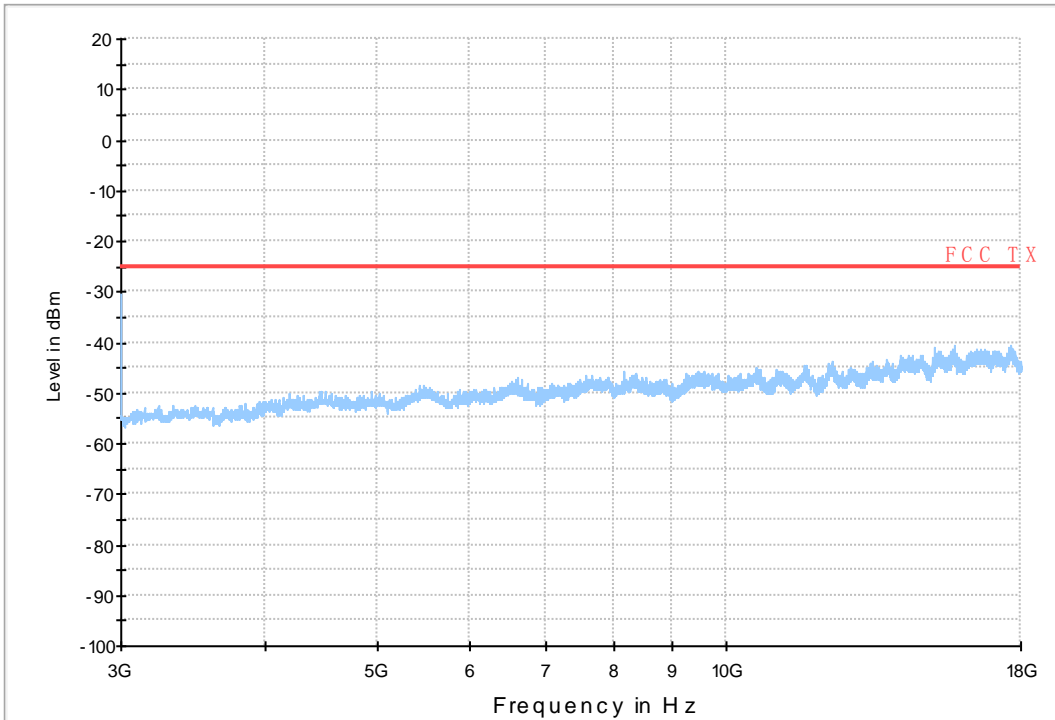
7.1.1.2 Test Bandwidth = 20

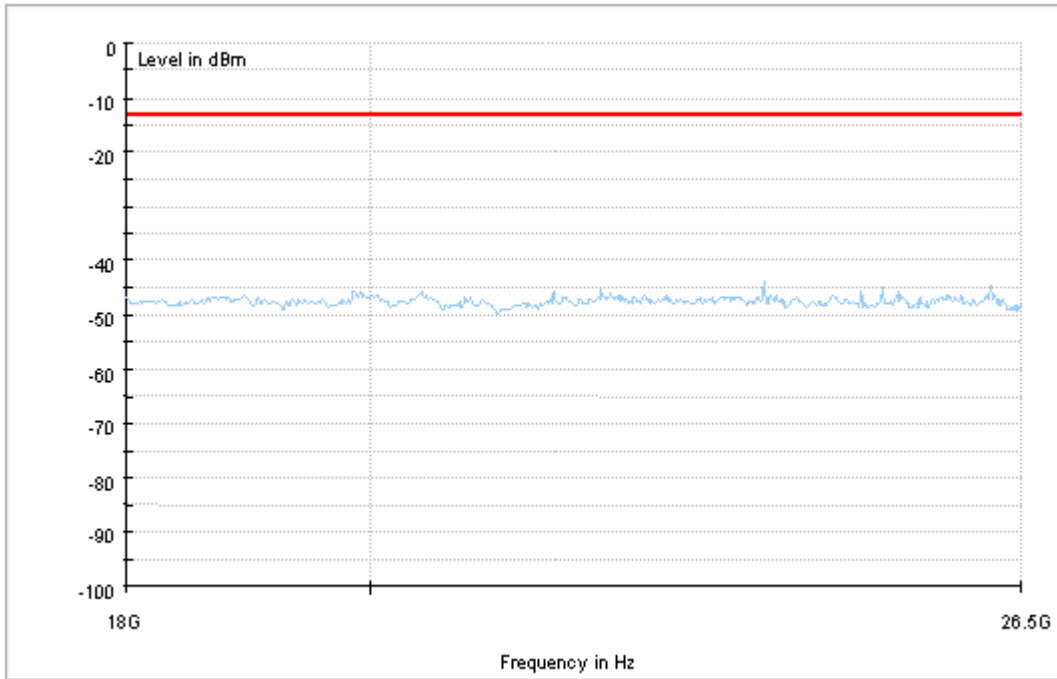


Copy of RSE-TX-DIRECTOR ABOVE 1.5G Limit -25_L



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





8Appendix_H: Frequency Stability

8.1 For LTE

8.1.1 Frequency 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
			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
	10	HCH	TN	VN	2.26	0.00088	PASS	
				VH	1.80	0.0007	PASS	
				VL	-1.90	-0.00076	PASS	
		LCH	TN	VN	-2.66	-0.00106	PASS	
				VH	-3.00	-0.0012	PASS	
				VL	-3.98	-0.00157	PASS	
	15	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	
	20	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	
	20	HCH	TN	VN	1.16	0.00045	PASS	
				VH	1.46	0.00057	PASS	
				VL	2.37	0.00094	PASS	
		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		

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
			-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	
			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
				-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	
					LCH	VN	-30	0.87	0.00035
			-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		
		50	2.23	0.00089			PASS		
		MCH	VN	-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		
				40	-1.06	-0.00042	PASS		
				50	-3.40	-0.00134	PASS		
				HCH	VN	-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	
		10			-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	
			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	
			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		
					LCH	VN	-30	-3.38	-0.00135	PASS
			-20	-0.79			-0.00032	PASS		
			-10	-1.50			-0.0006	PASS		
			0	-1.23			-0.00049	PASS		
			10	-2.35			-0.00094	PASS		
			20	-2.92			-0.00116	PASS		
		30	-2.25	-0.0009			PASS			
		40	-0.50	-0.0002			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			
		15					-30	-3.38	-0.00135	PASS
-20	-0.79						-0.00032	PASS		
-10	-1.50						-0.0006	PASS		
0	-1.23						-0.00049	PASS		
10	-2.35						-0.00094	PASS		
							-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

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp .	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					40	1.73	0.00068	PASS
					50	0.20	0.00008	PASS
		20	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
			-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
			HCH	VN	50	-1.72	-0.00068	PASS
					-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