







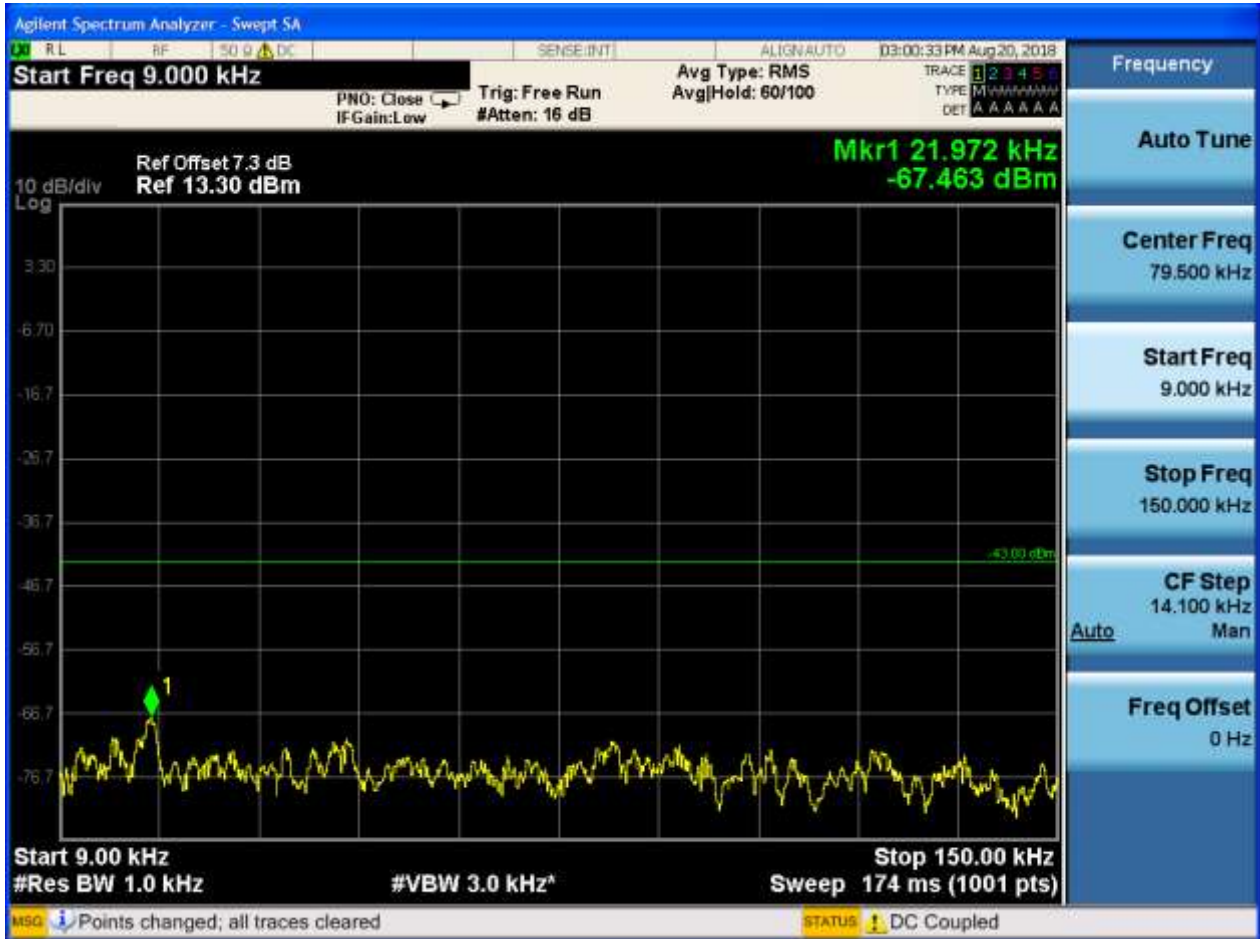


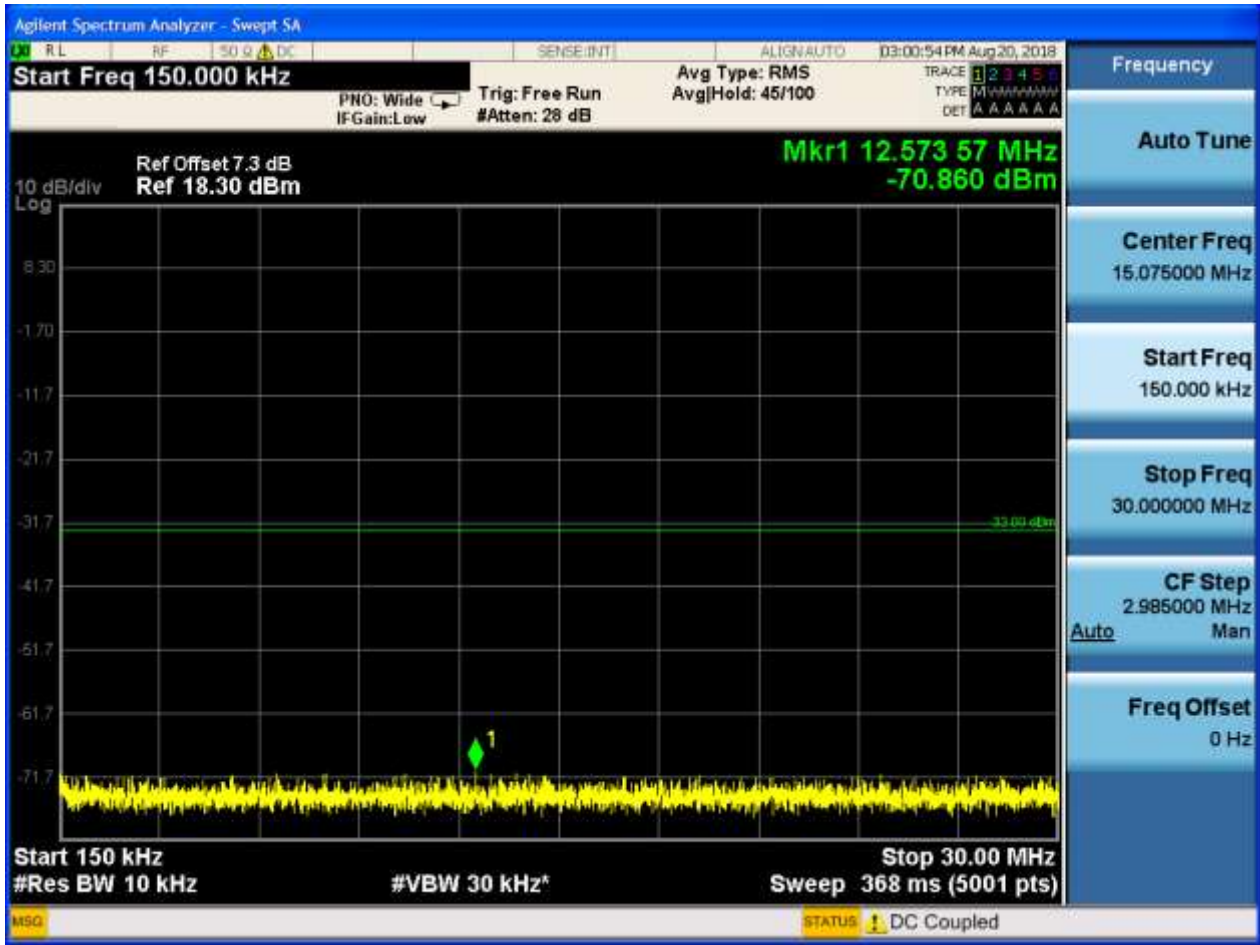


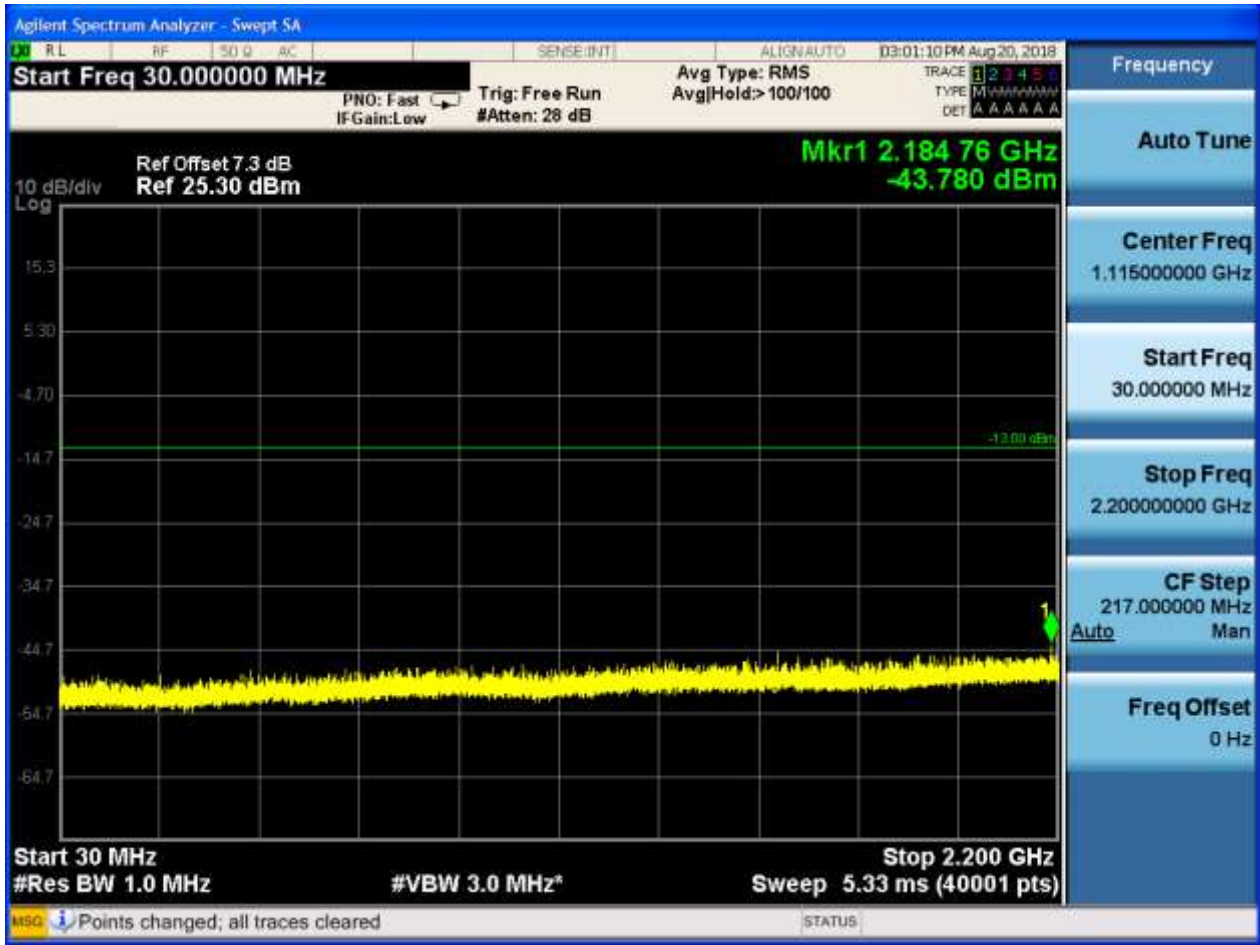


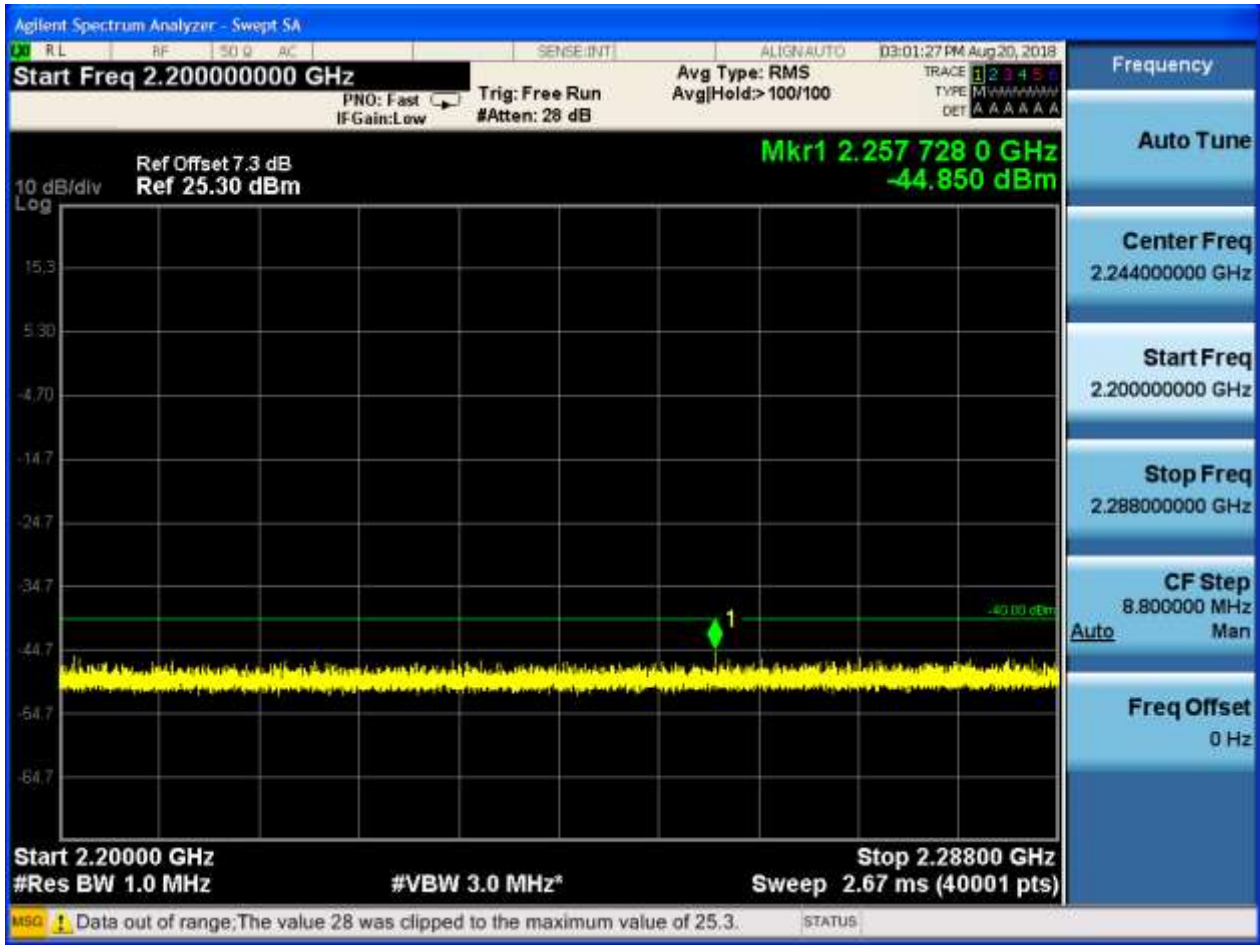
6.1.1.2.1.3 Test Channel = HCH

6.1.1.2.1.3.1 Test RB = RB1#0





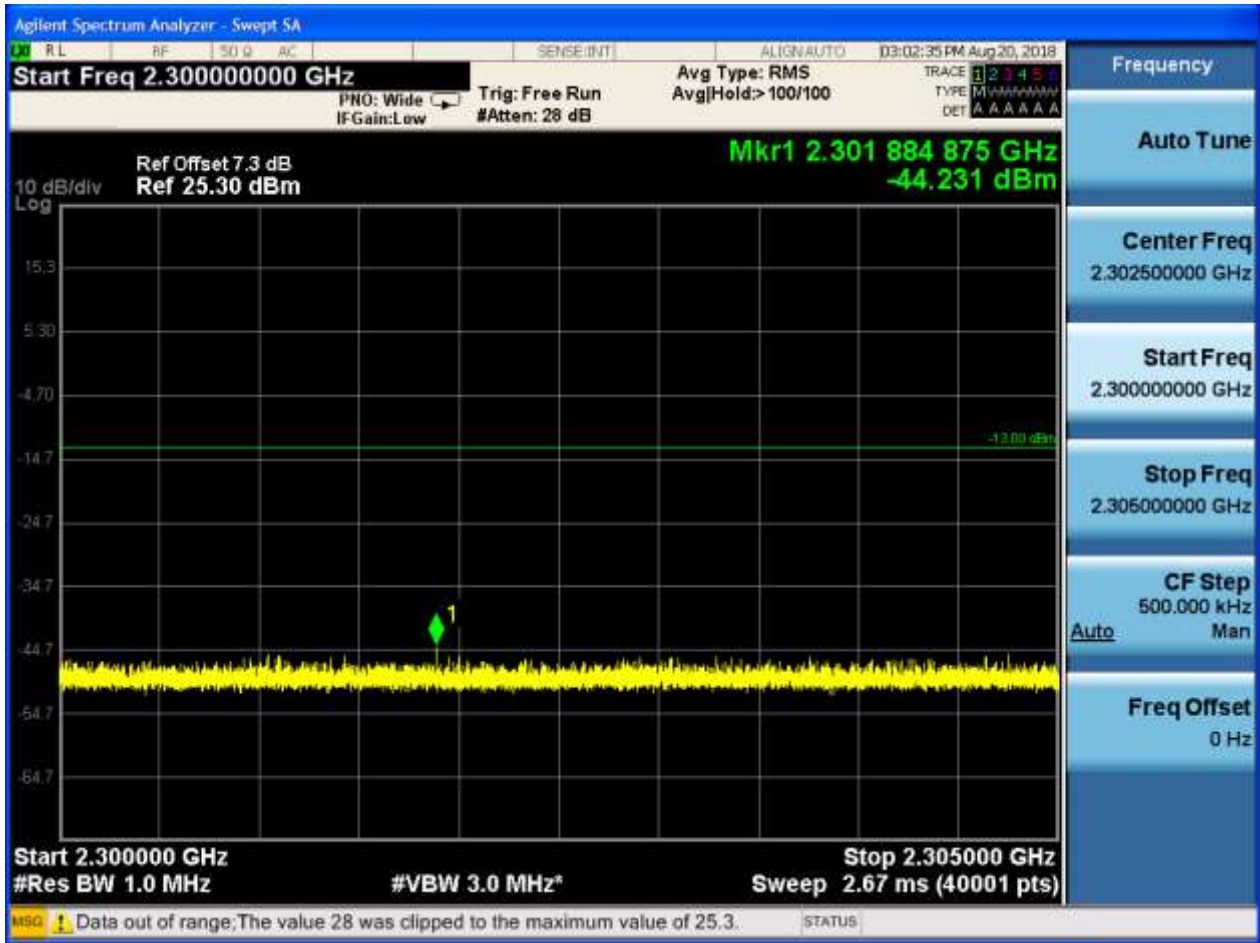


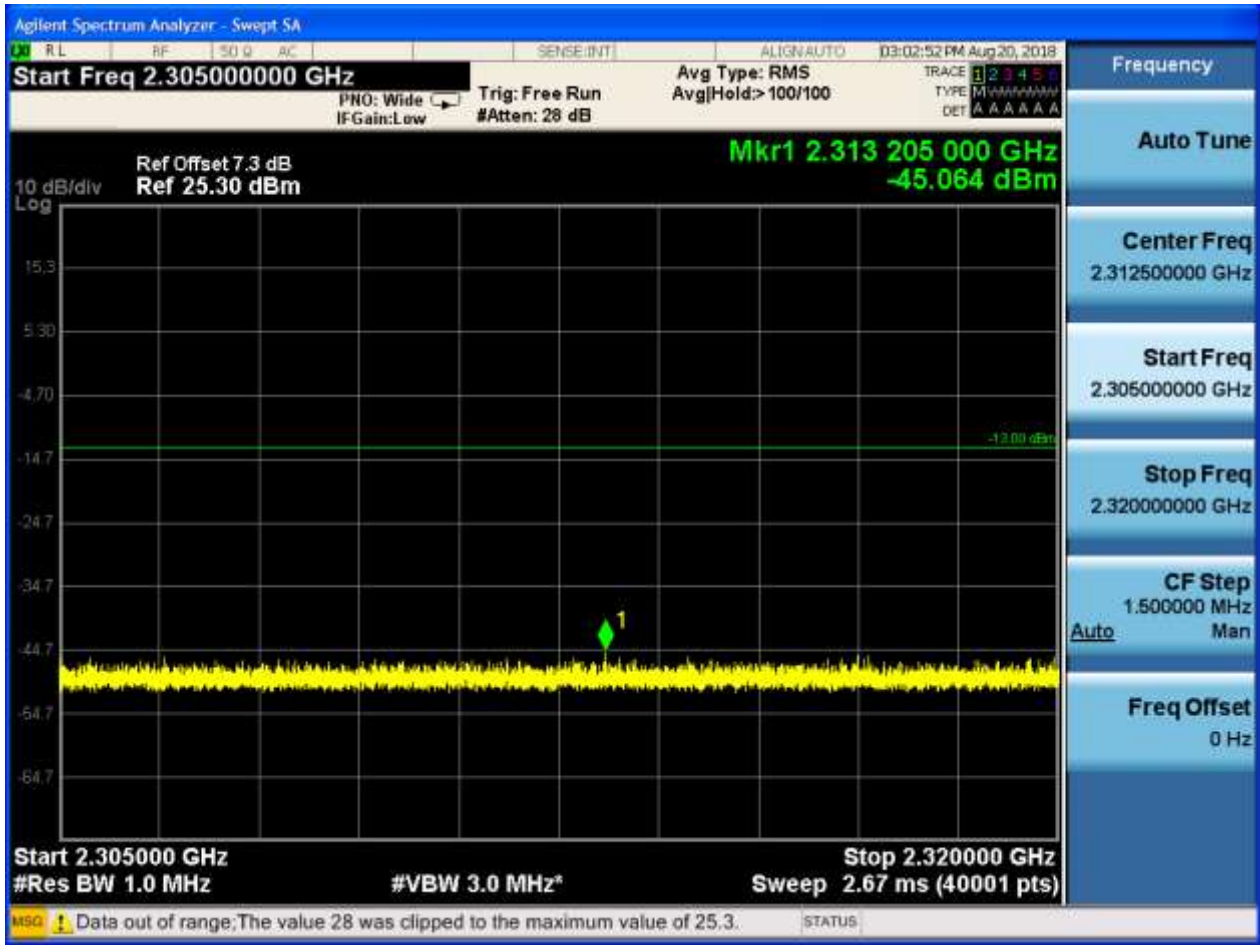


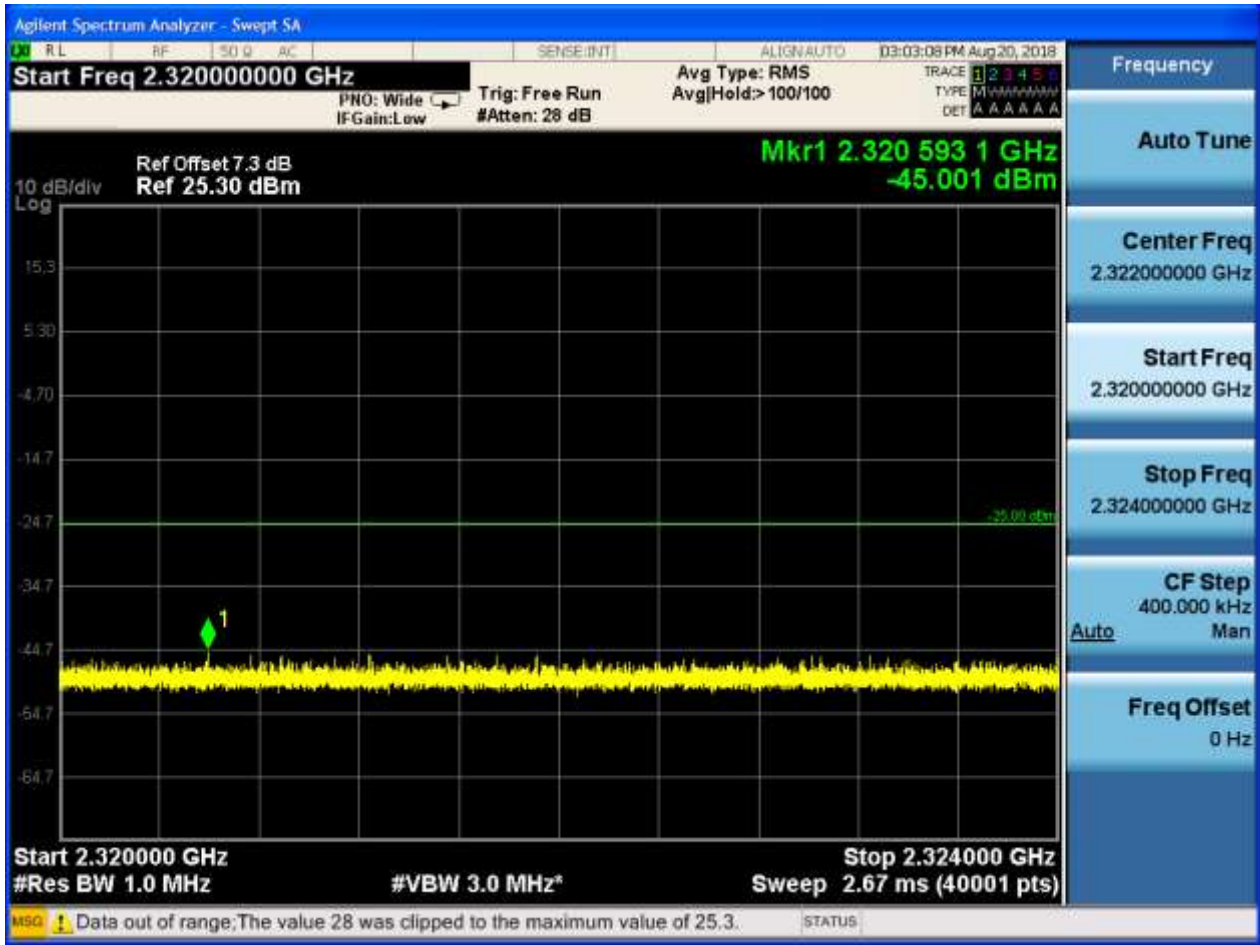


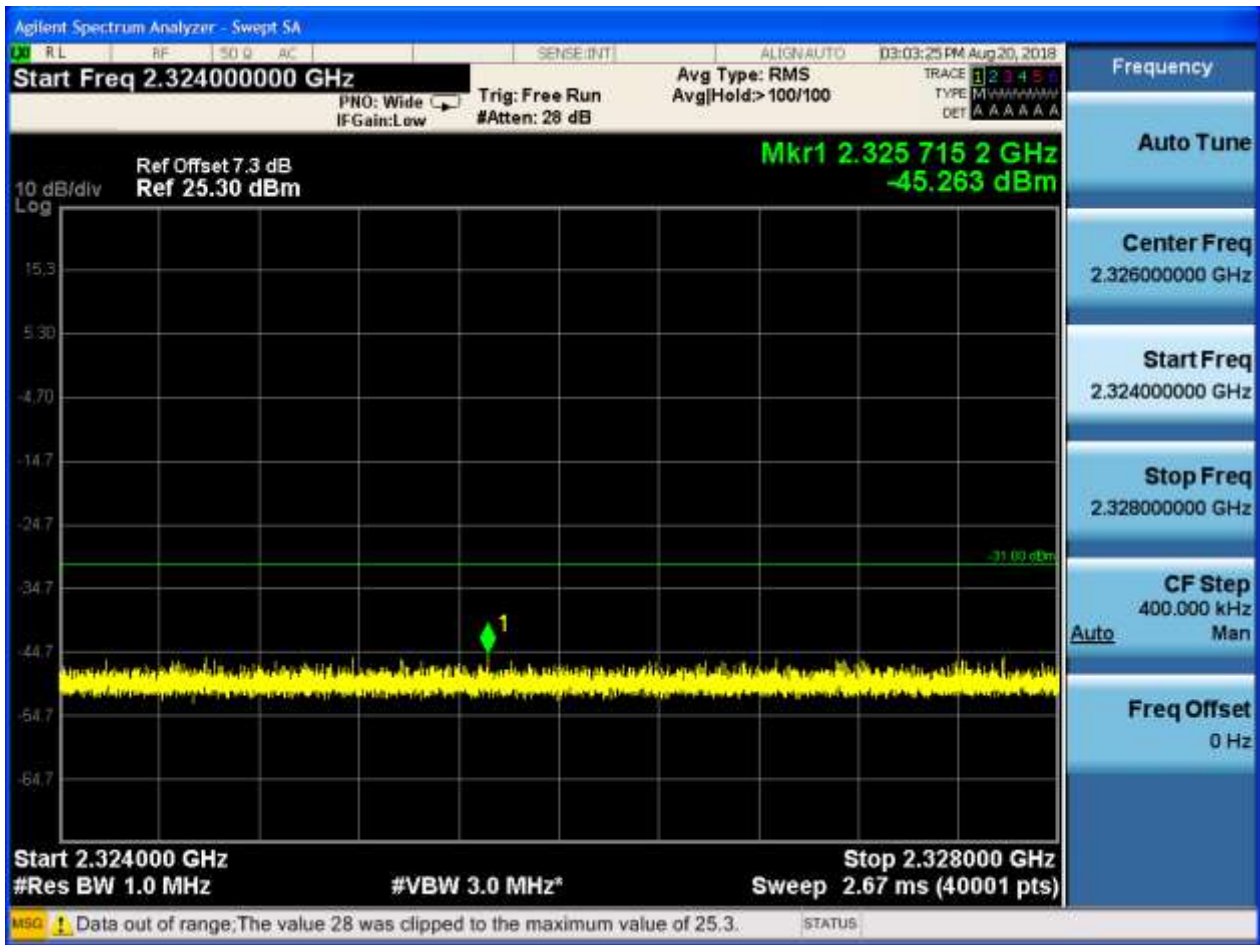


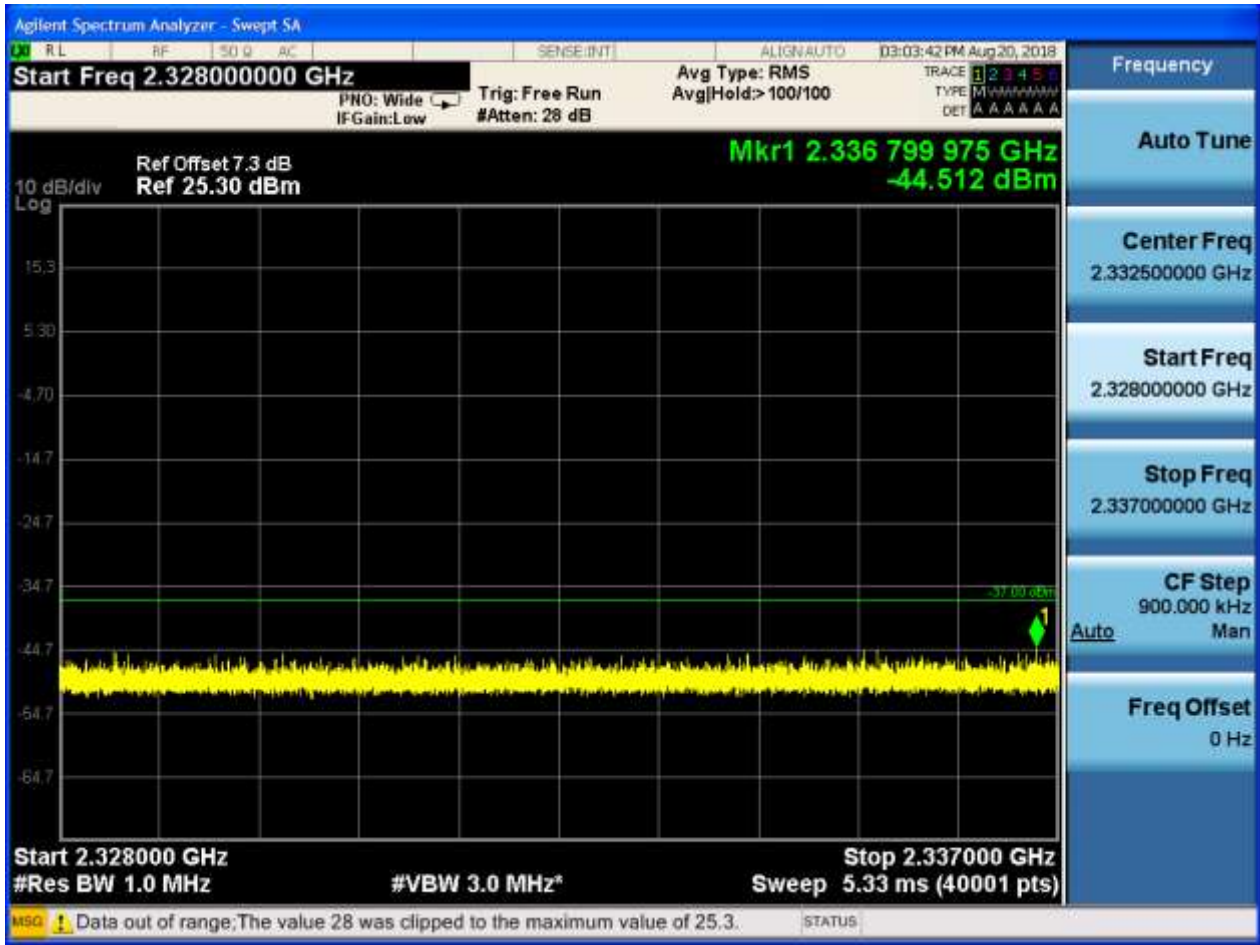


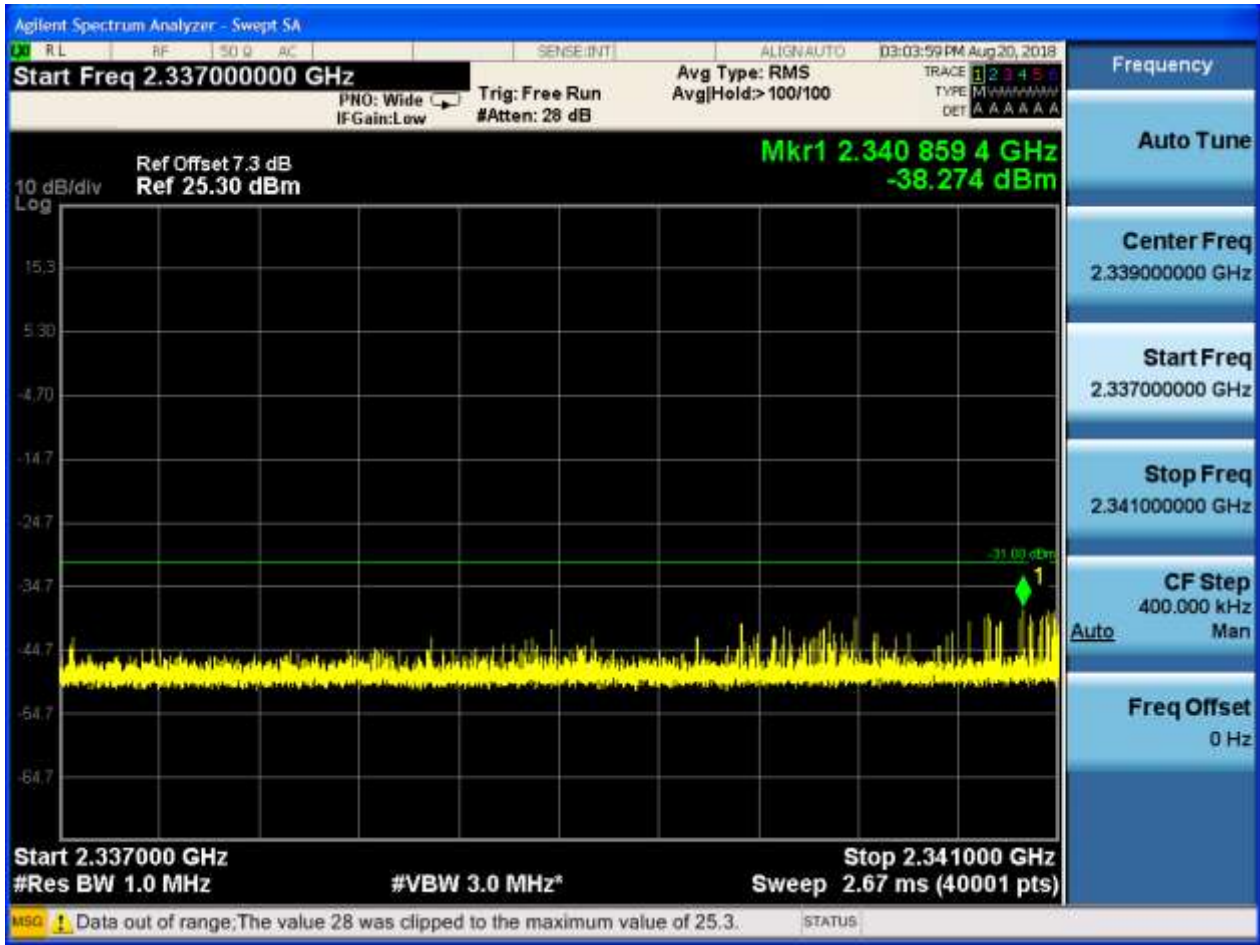






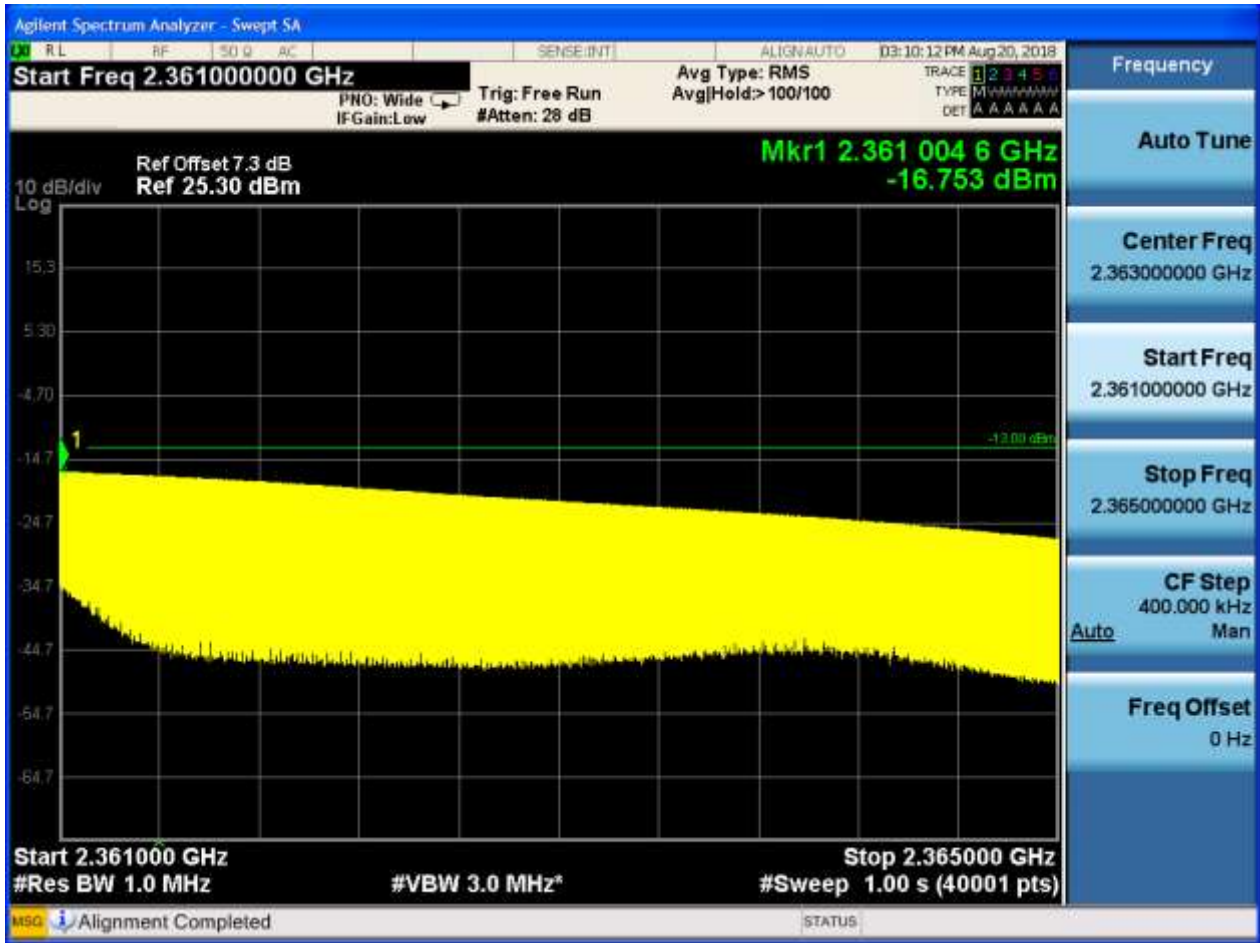


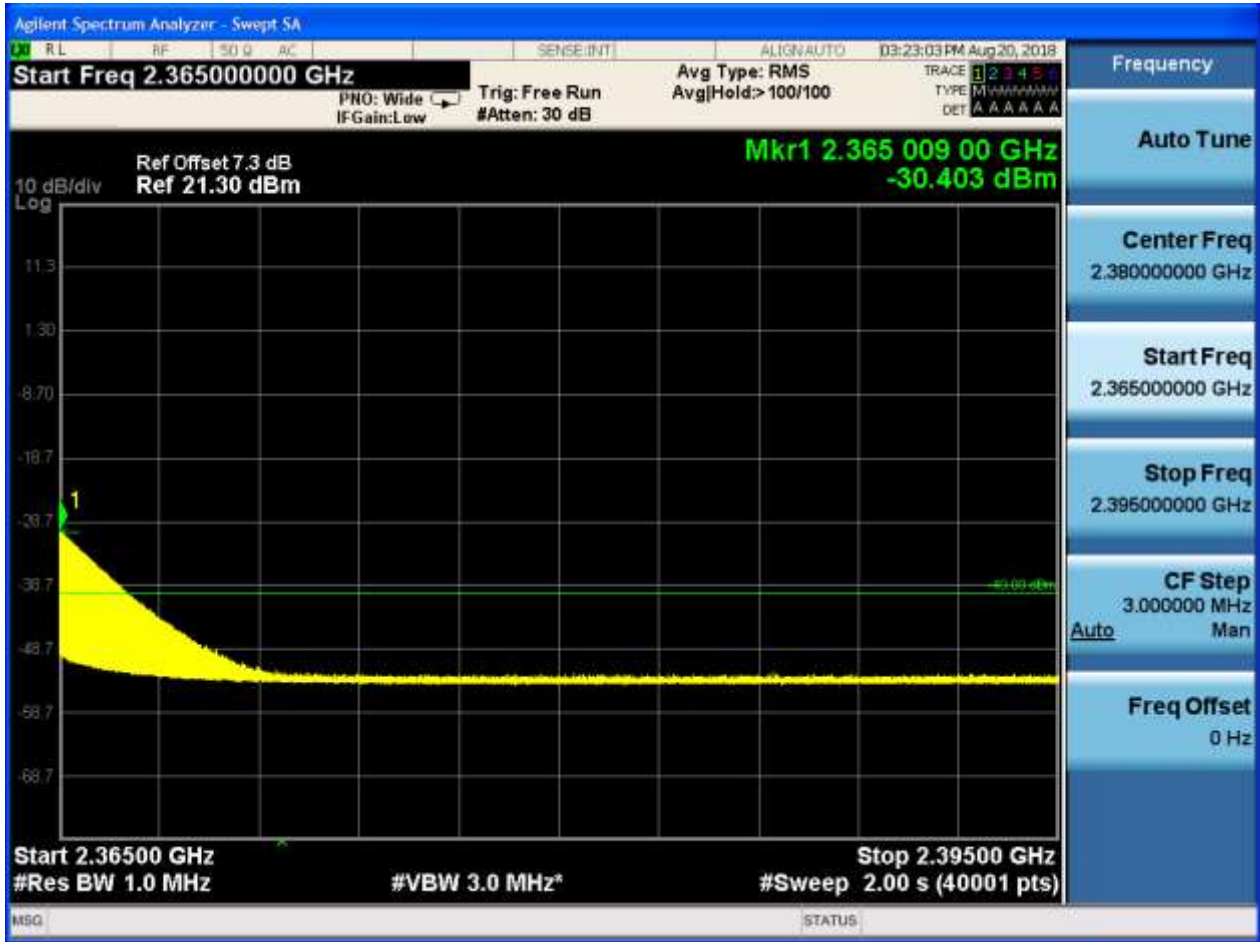






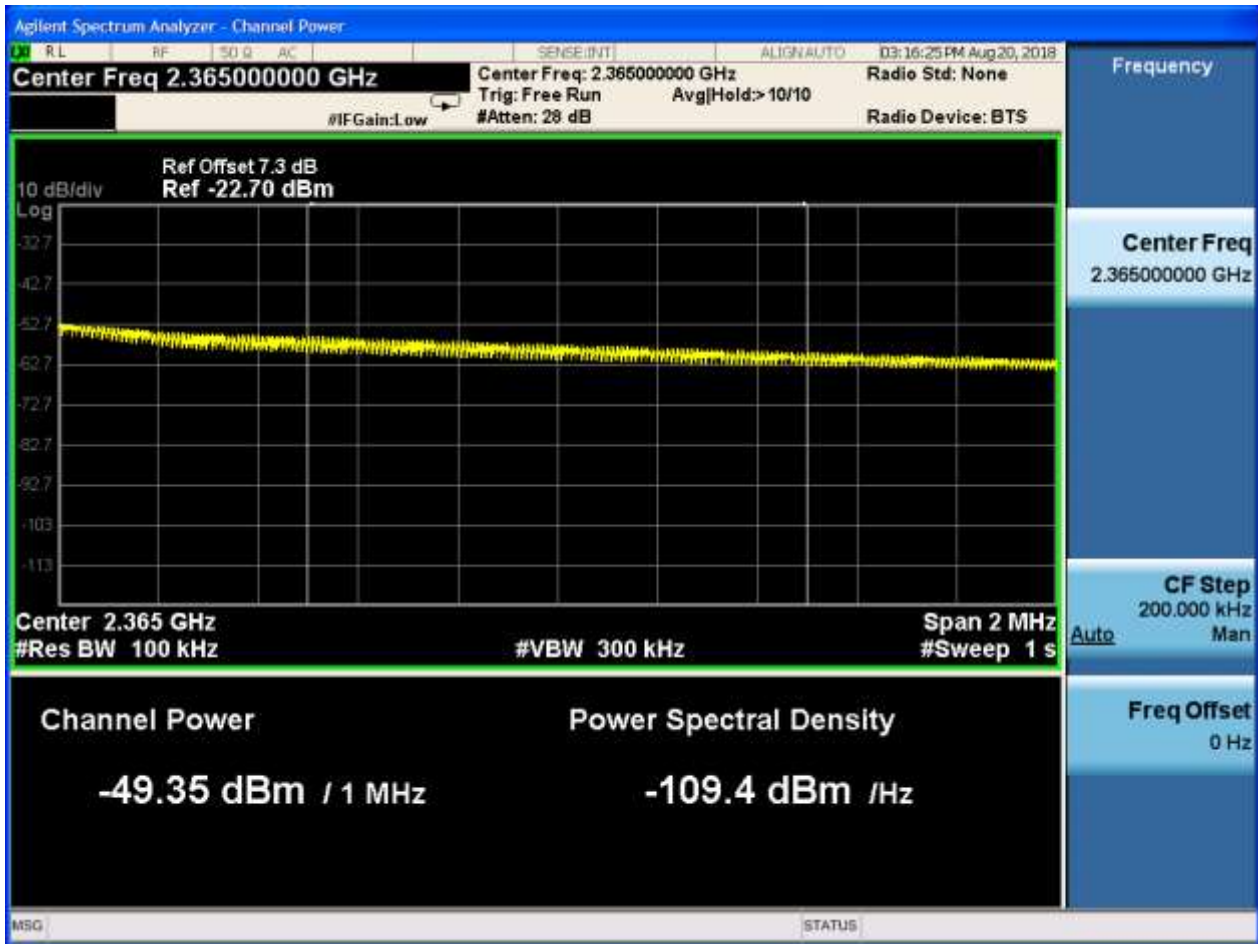






note: In the 1 MHz band immediately outside and adjacent to the channel edge, the unwanted emission power shall be measured with a resolution bandwidth of at least 1% of the occupied bandwidth for base station and fixed subscriber equipment and 2% for mobile subscriber equipment. Beyond the 1 MHz band, a resolution bandwidth of 1 MHz shall be used. A narrower resolution bandwidth is allowed to be used, provided that the measured power is integrated over the full required measurement bandwidth of 1 MHz 1%/2% of the occupied bandwidth, as

applicable.



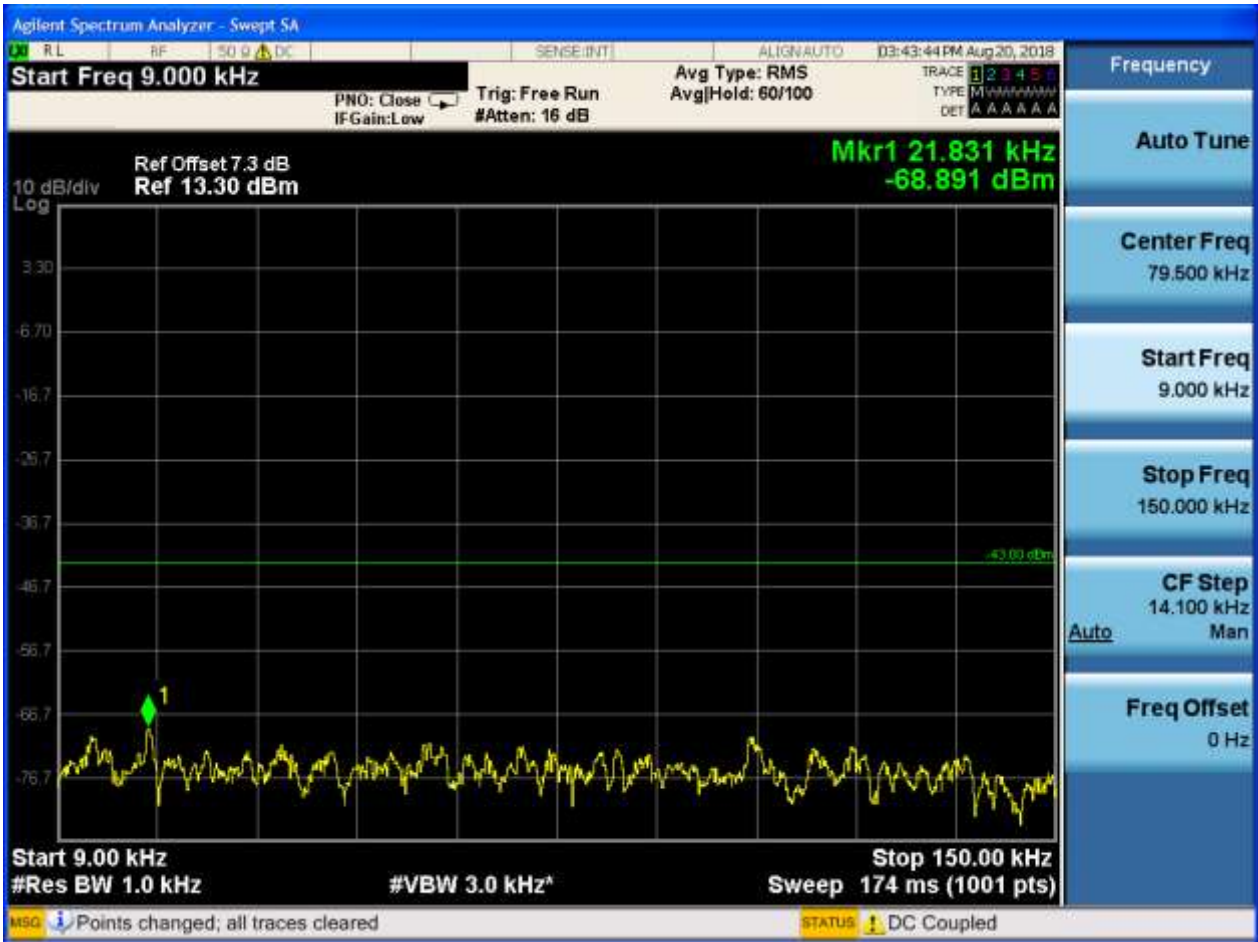


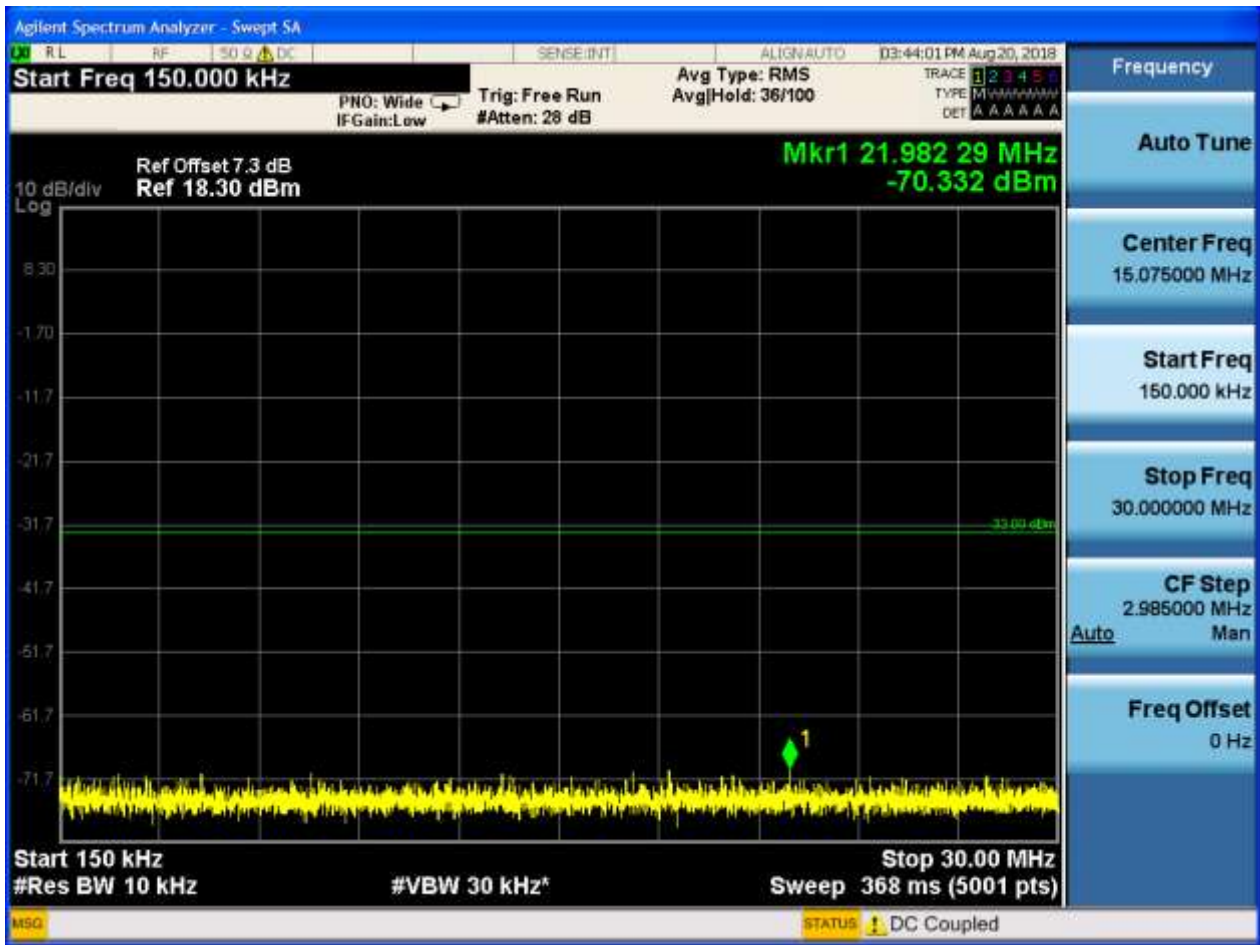


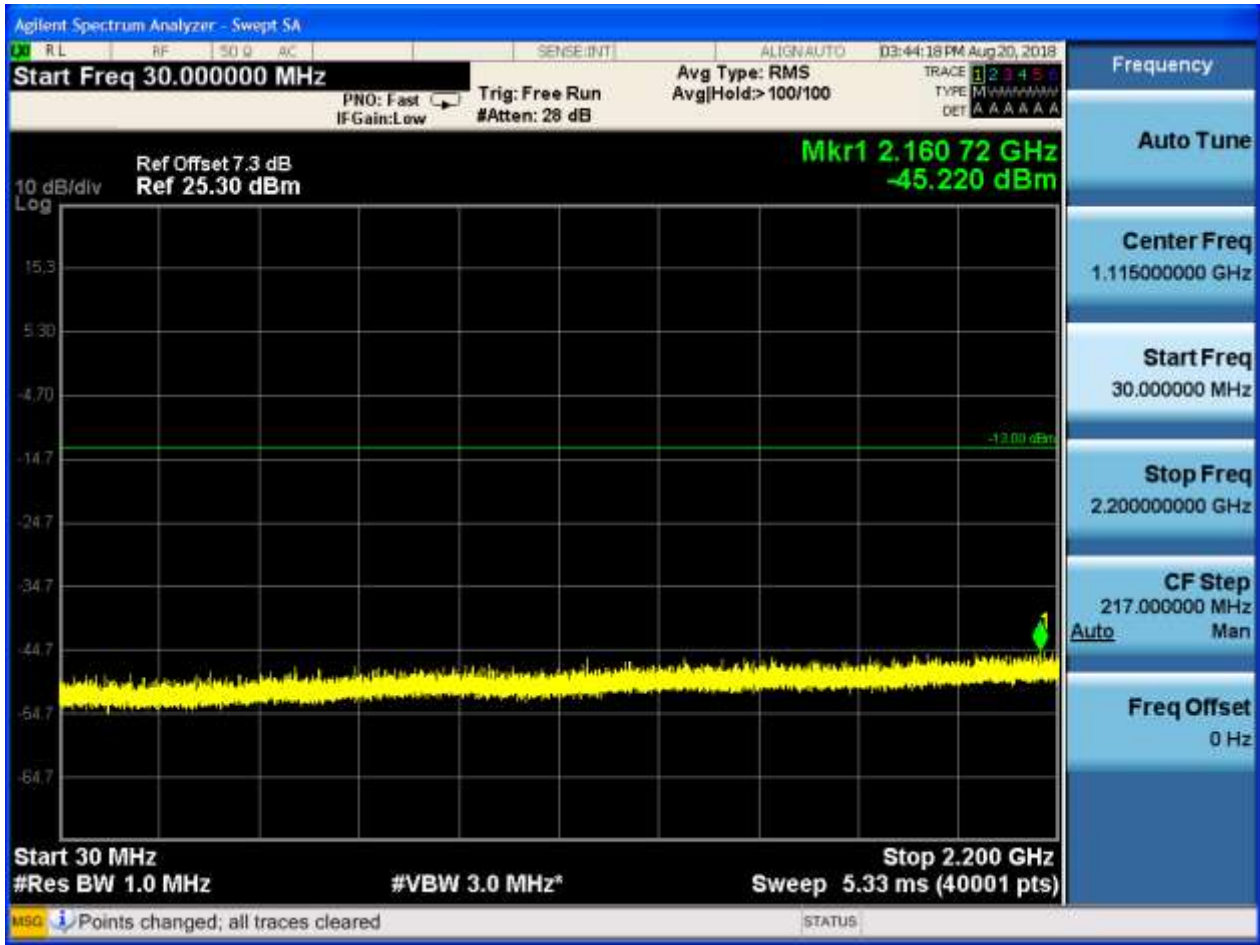
6.1.1.2.2 Test Bandwidth = 10

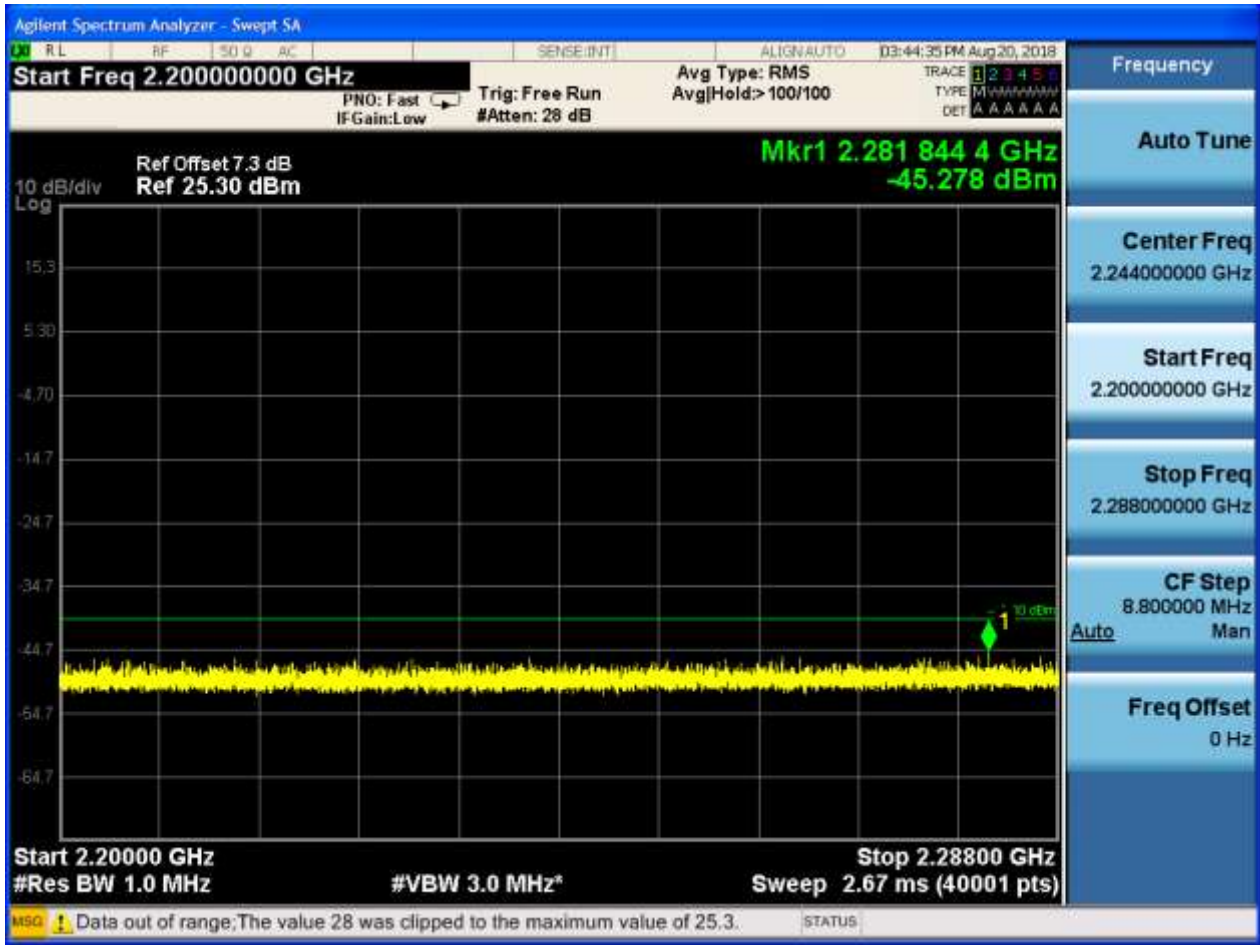
6.1.1.2.2.2 Test Channel = LCH/MCH/HCH

6.1.1.2.2.2.1 Test RB = RB1#0

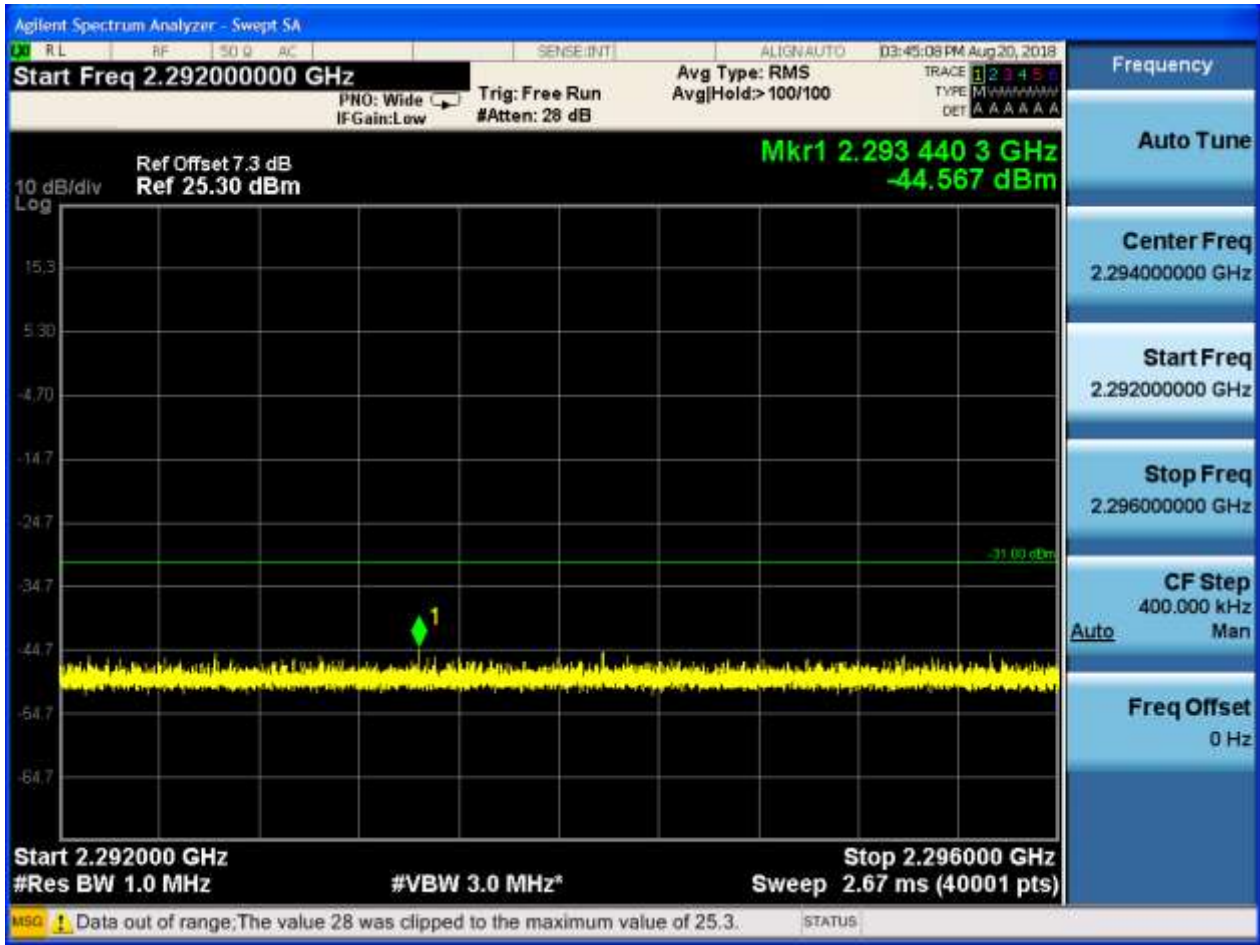


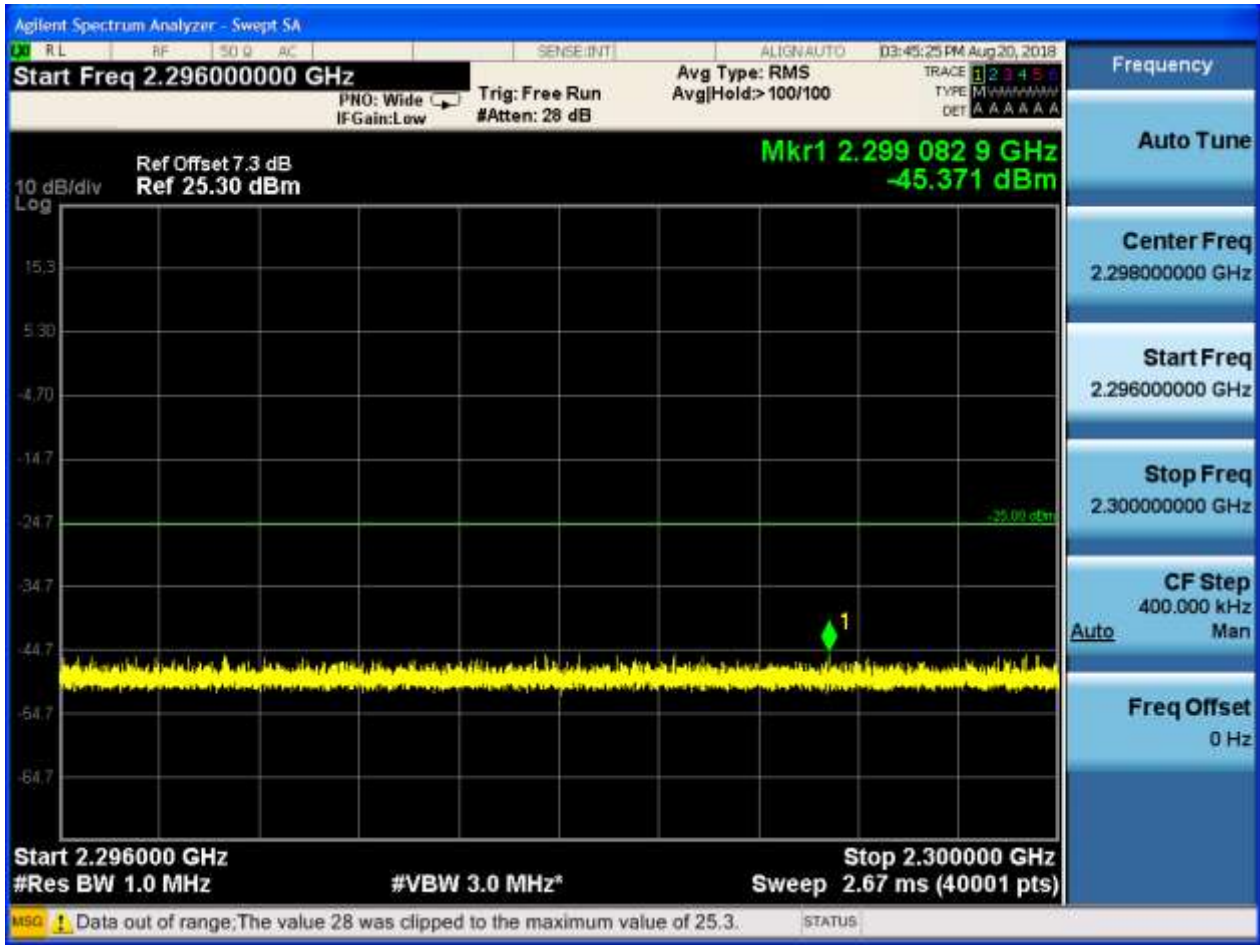


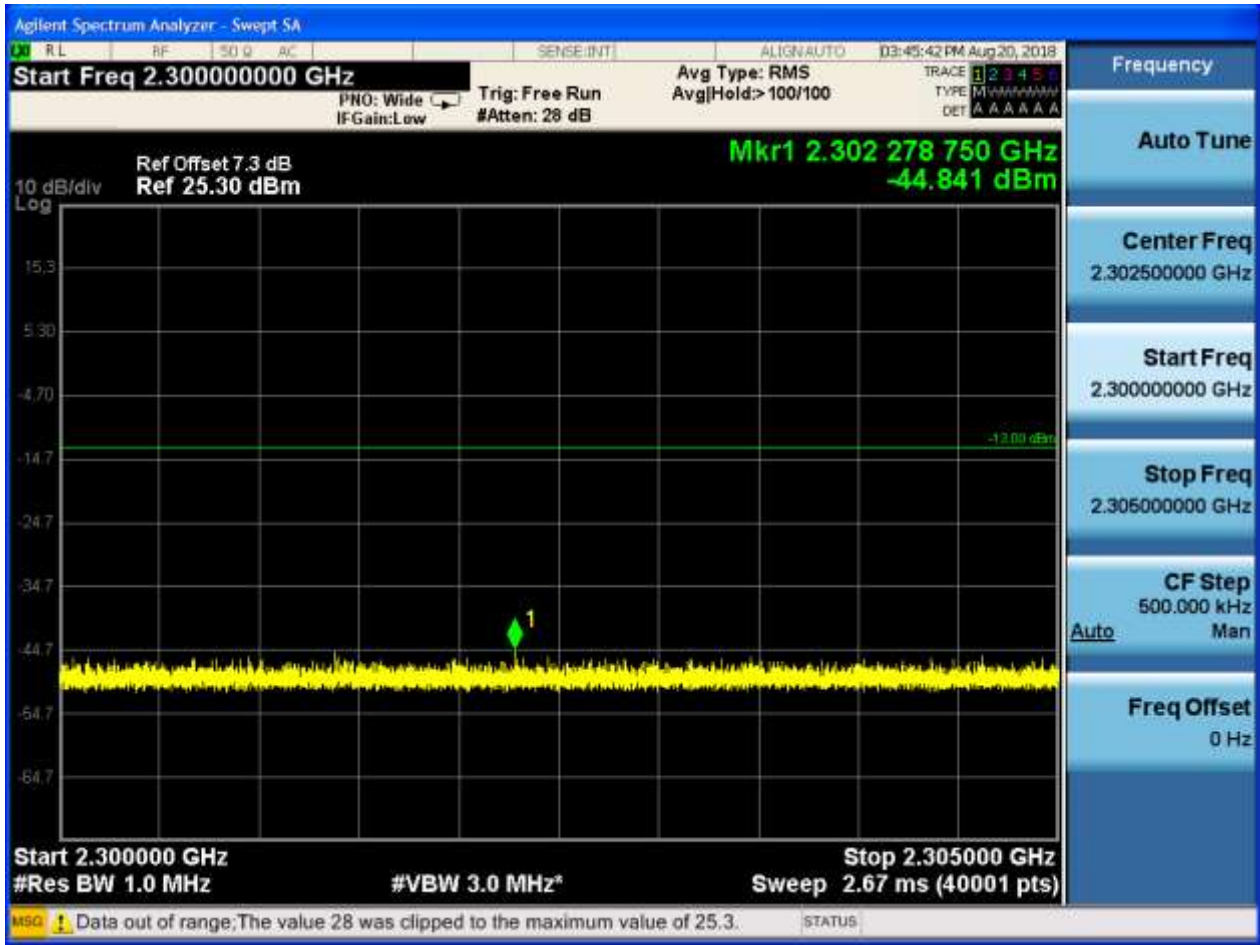


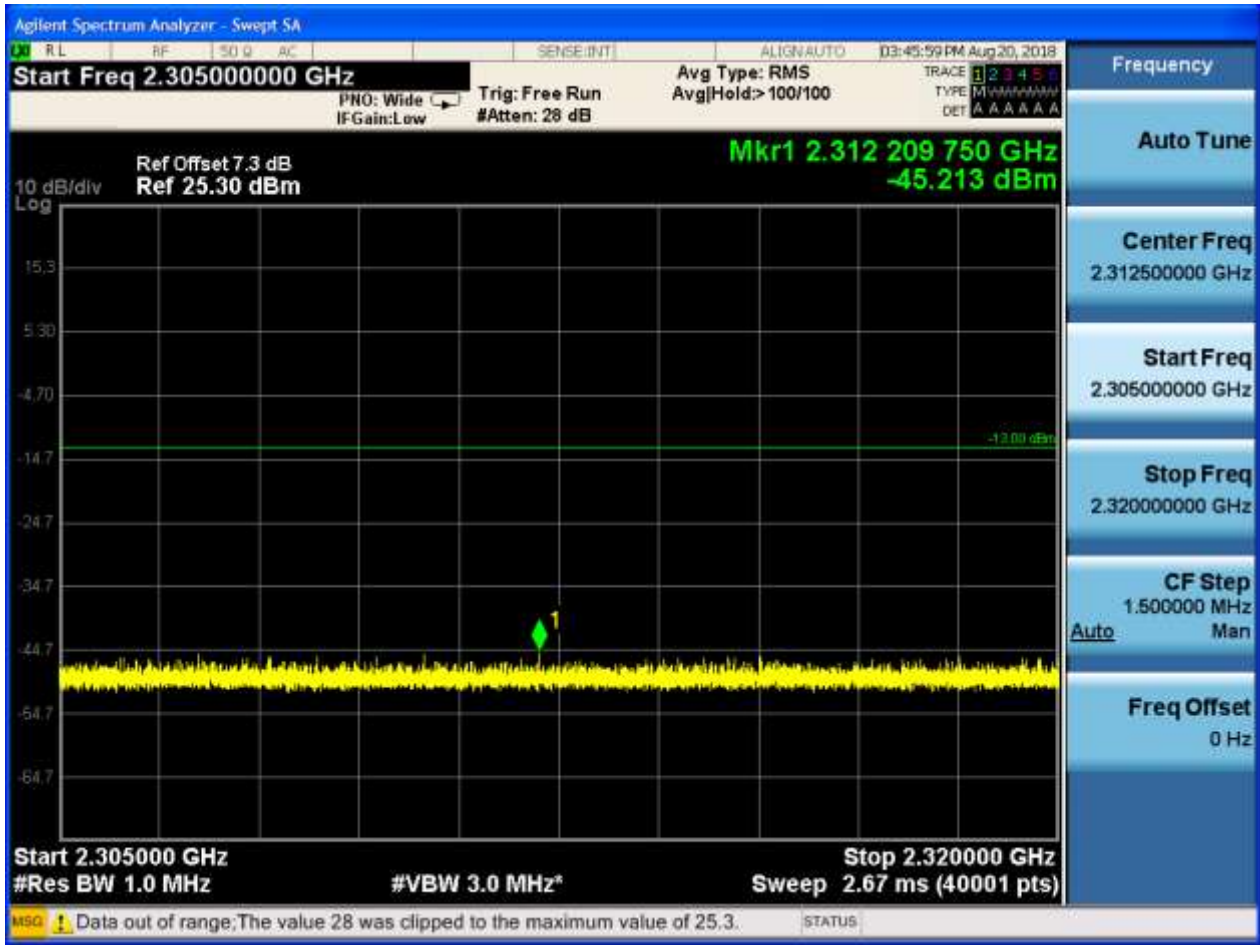




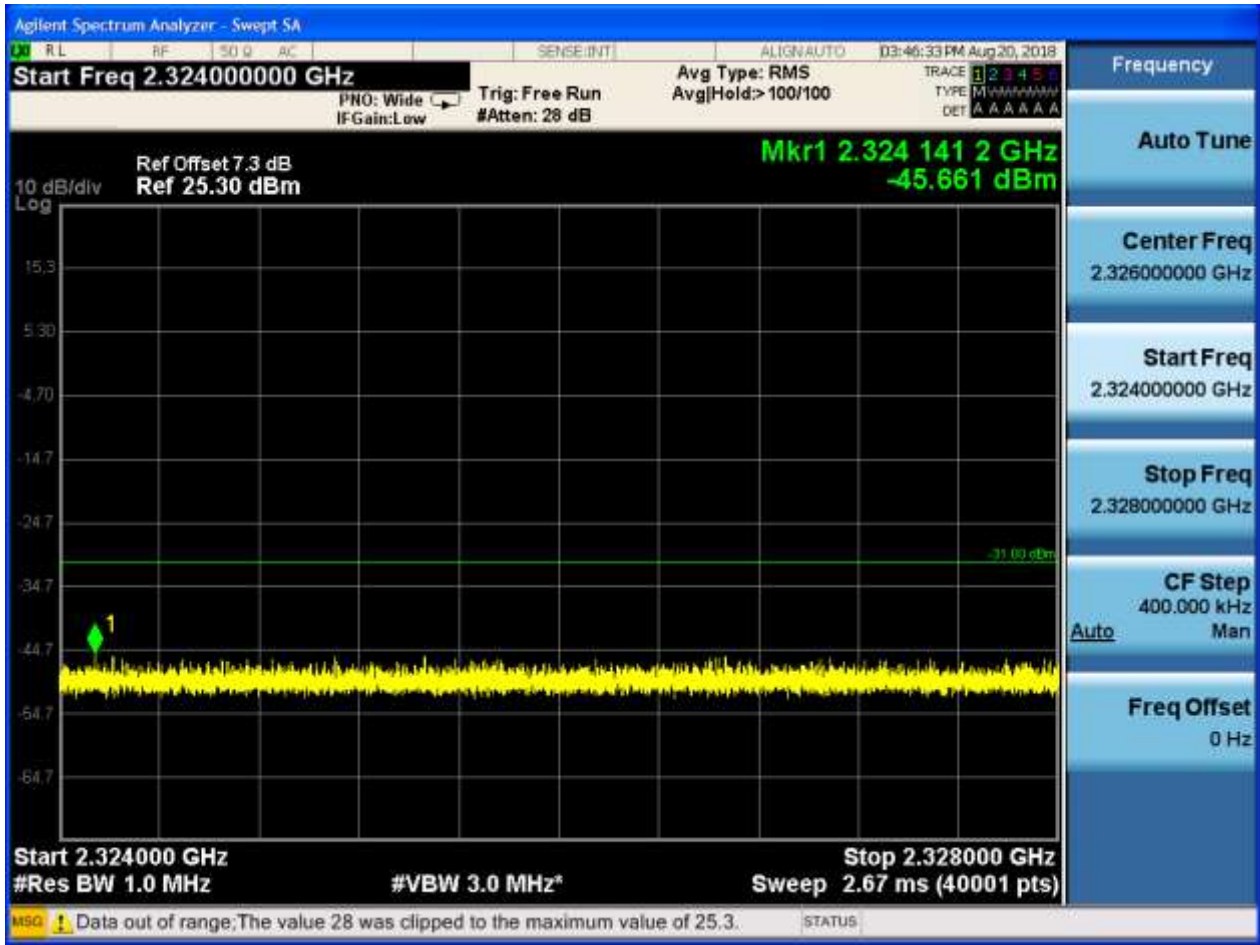


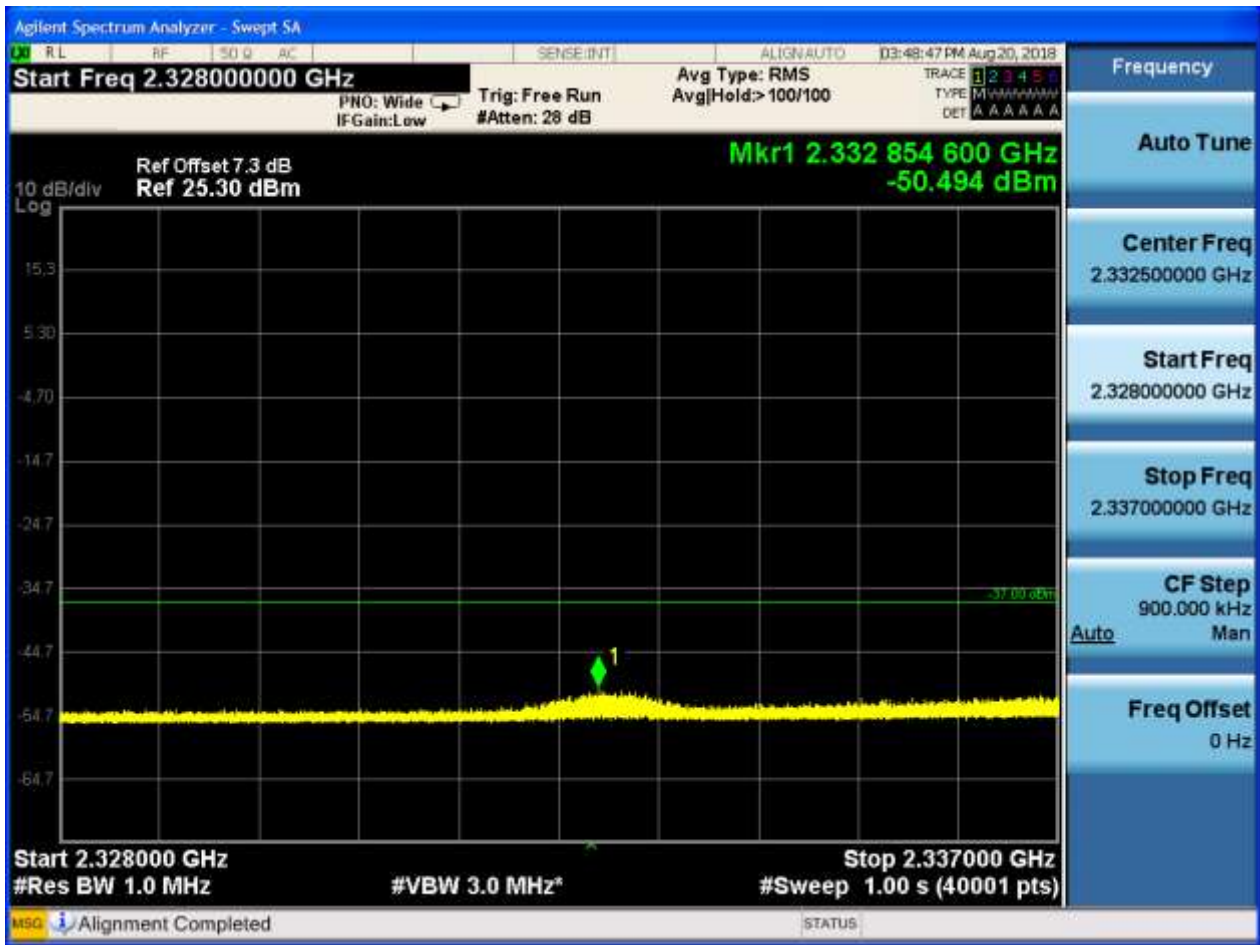


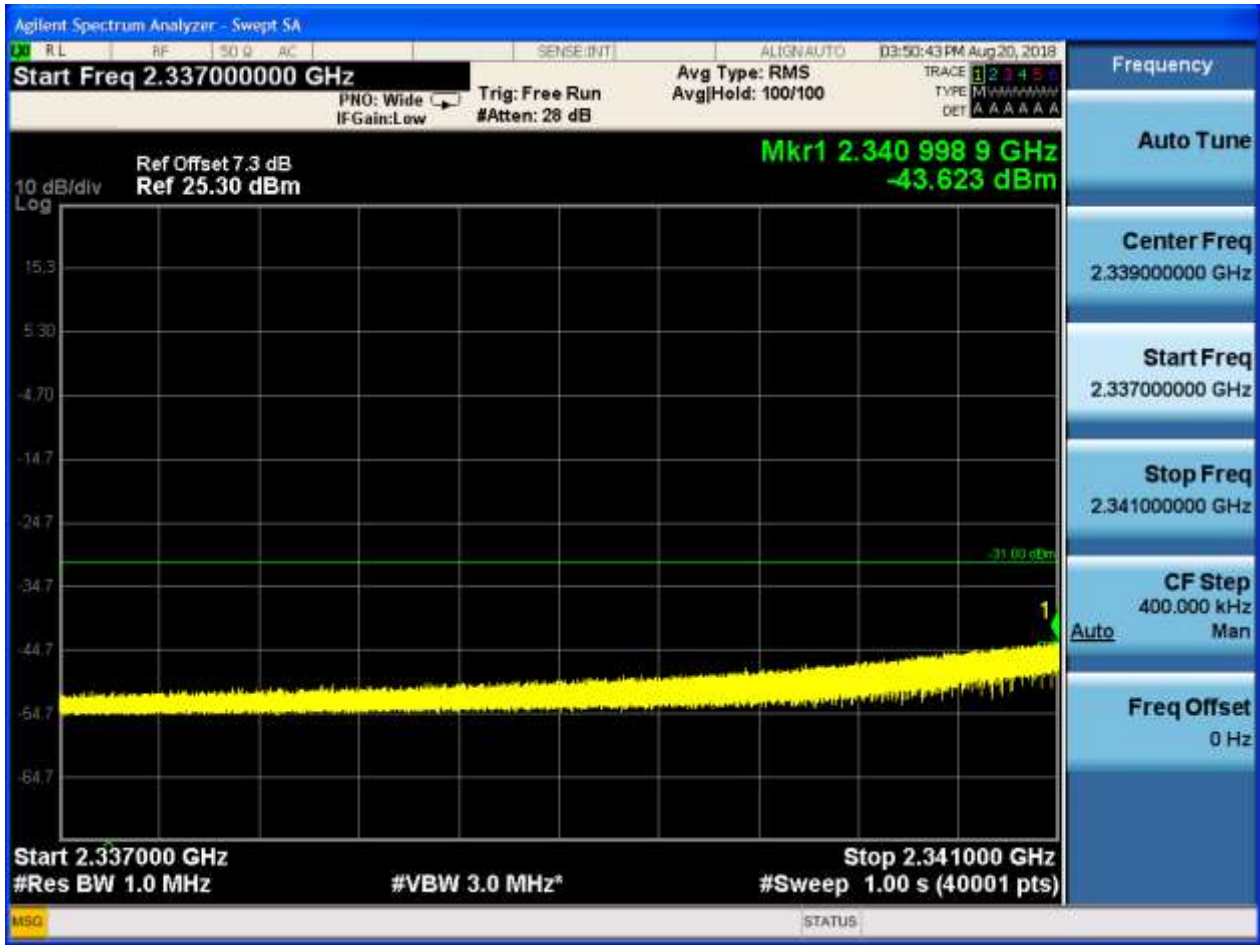


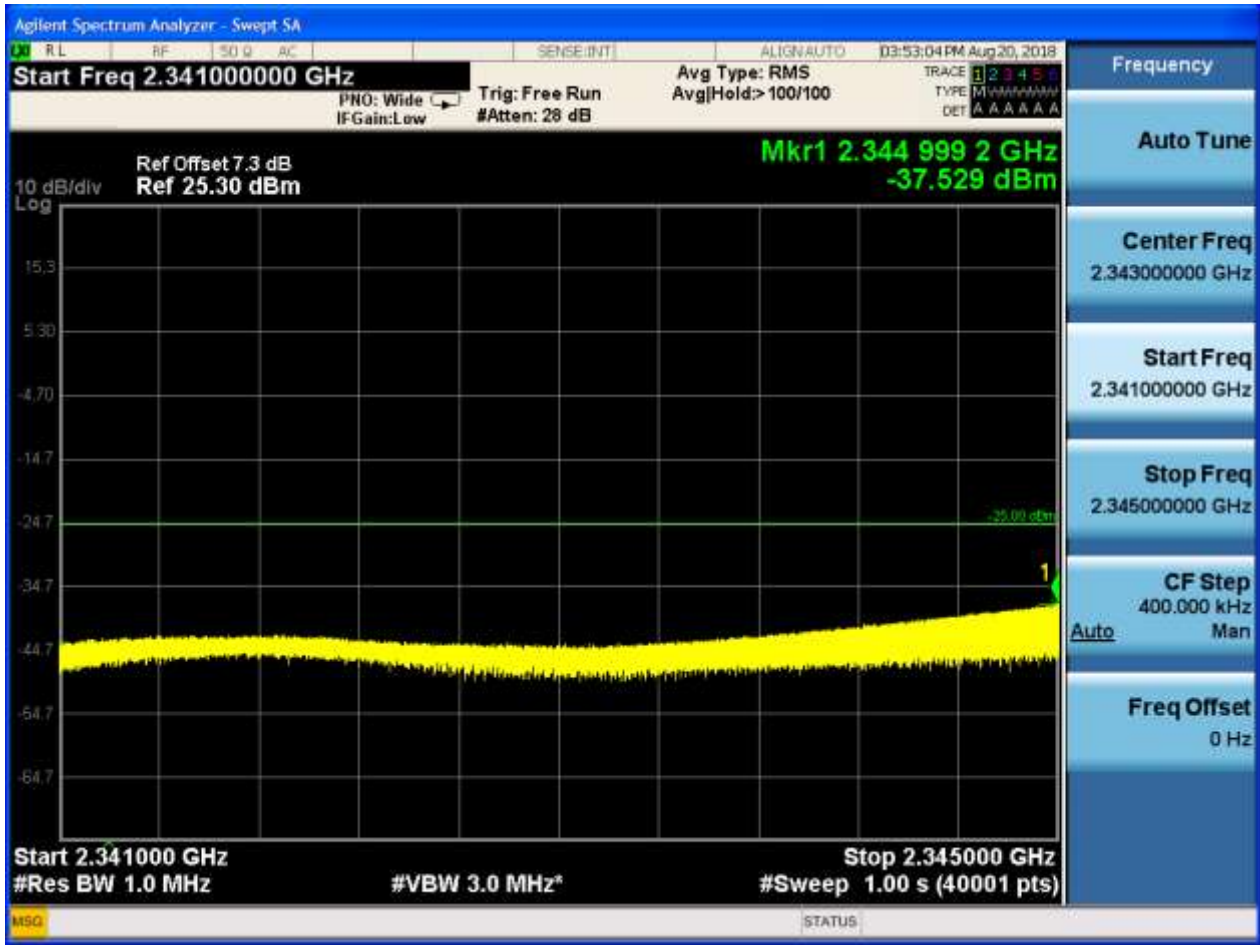


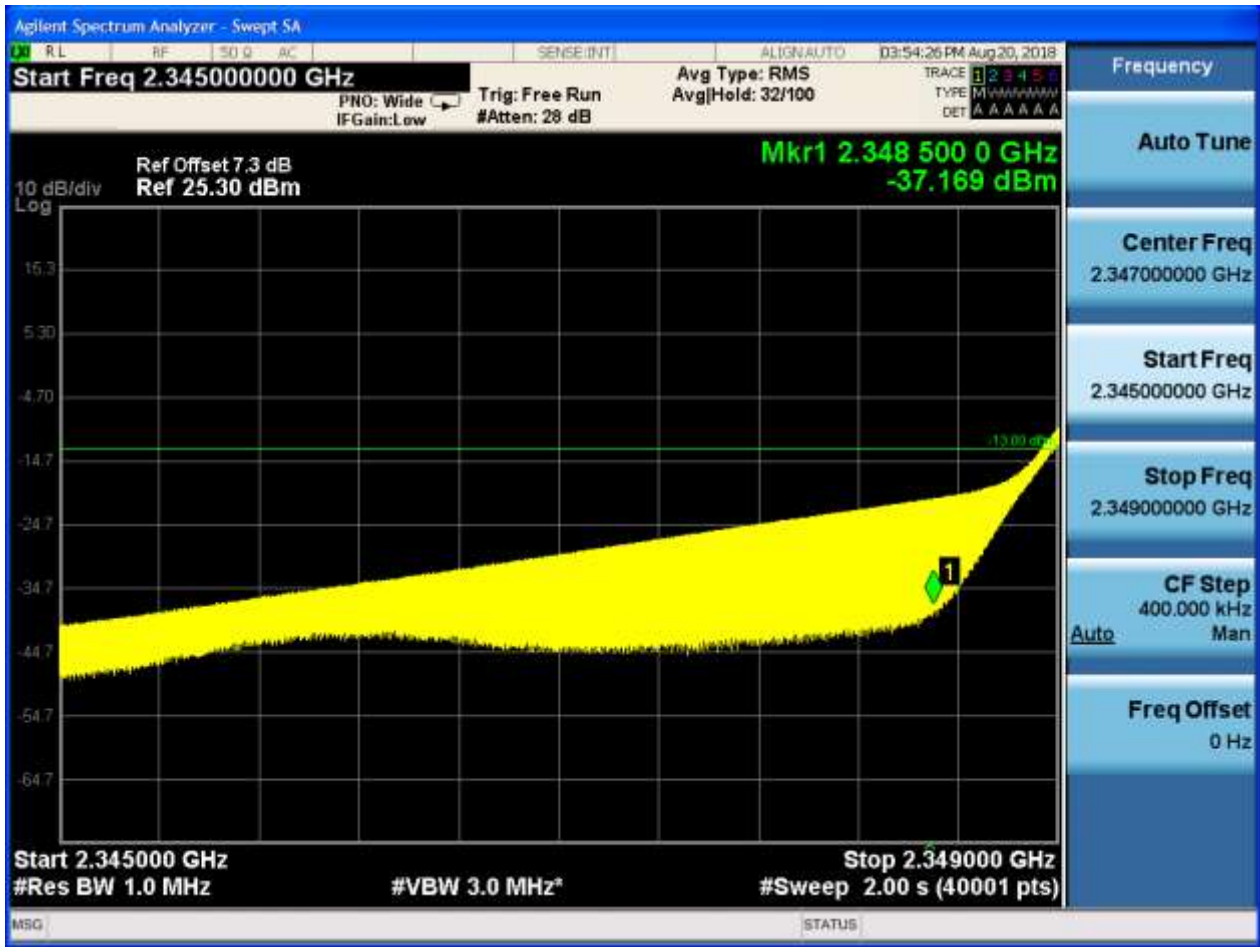


















7Appendix_G: Field Strength of Spurious Radiation

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

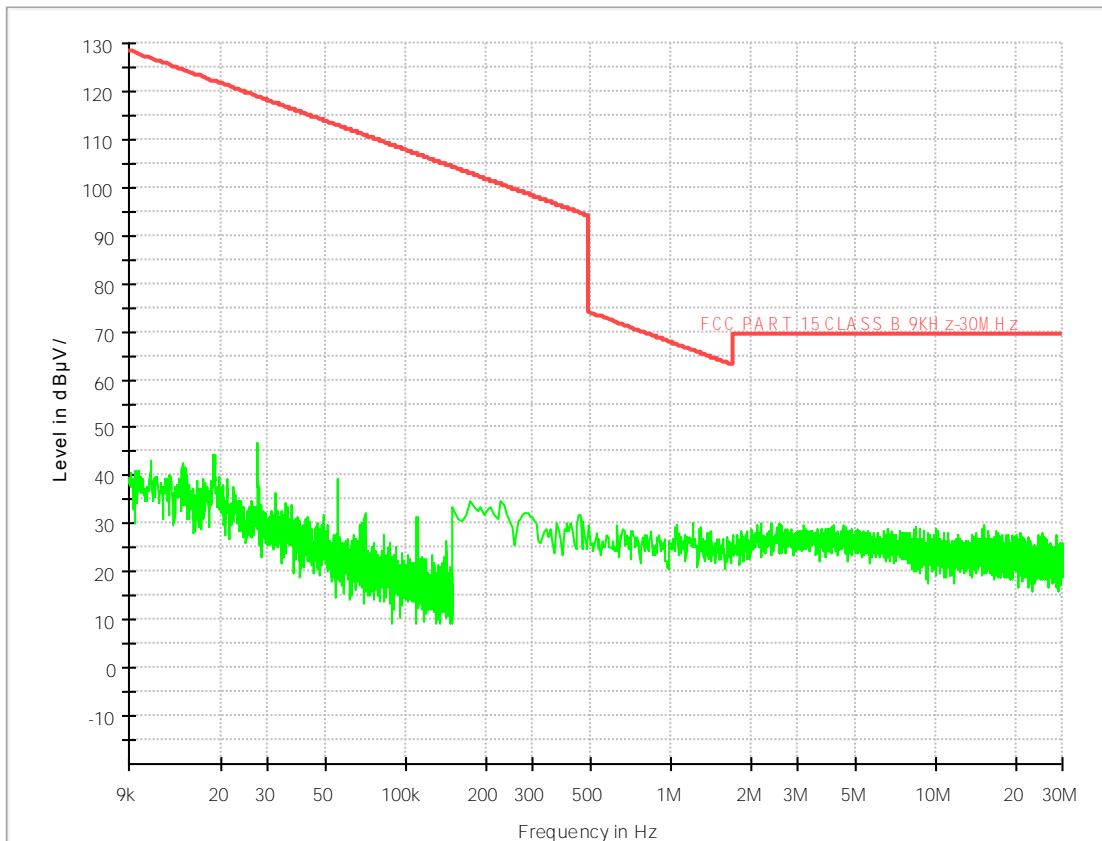
Above 1GHz, RBW = 1 MHz, VBW = 3 MHz. Detector: PK

Part I - Test Plots

7.1 For LTE

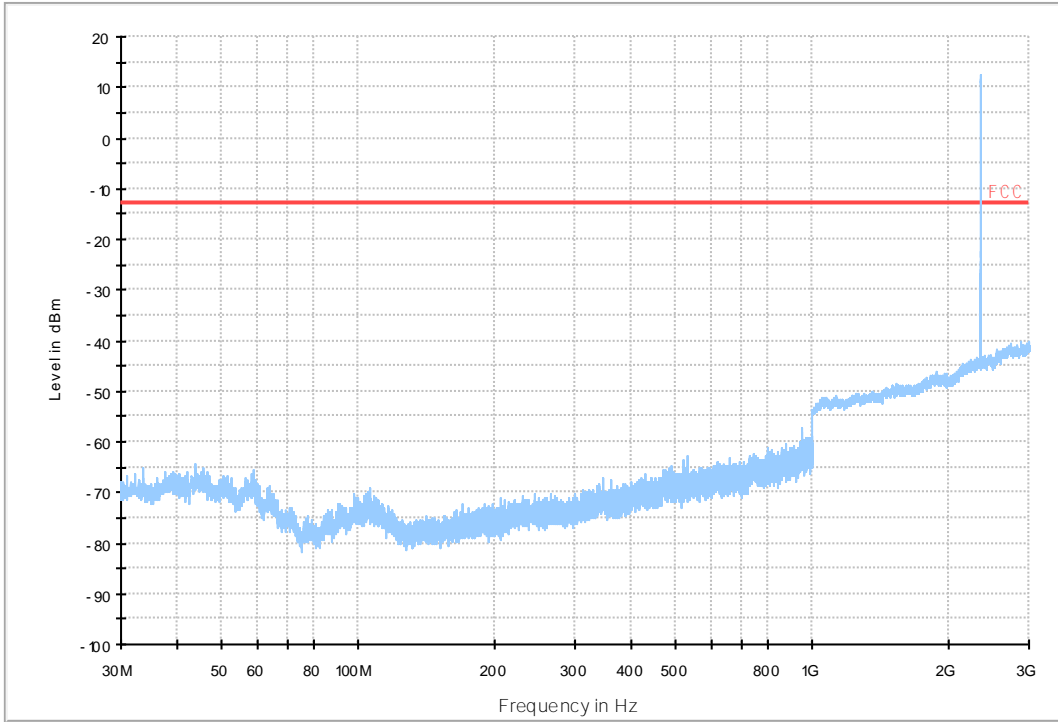
7.1.1 Test Band = B40_ANT1

7.1.1.1 Test Bandwidth = 5

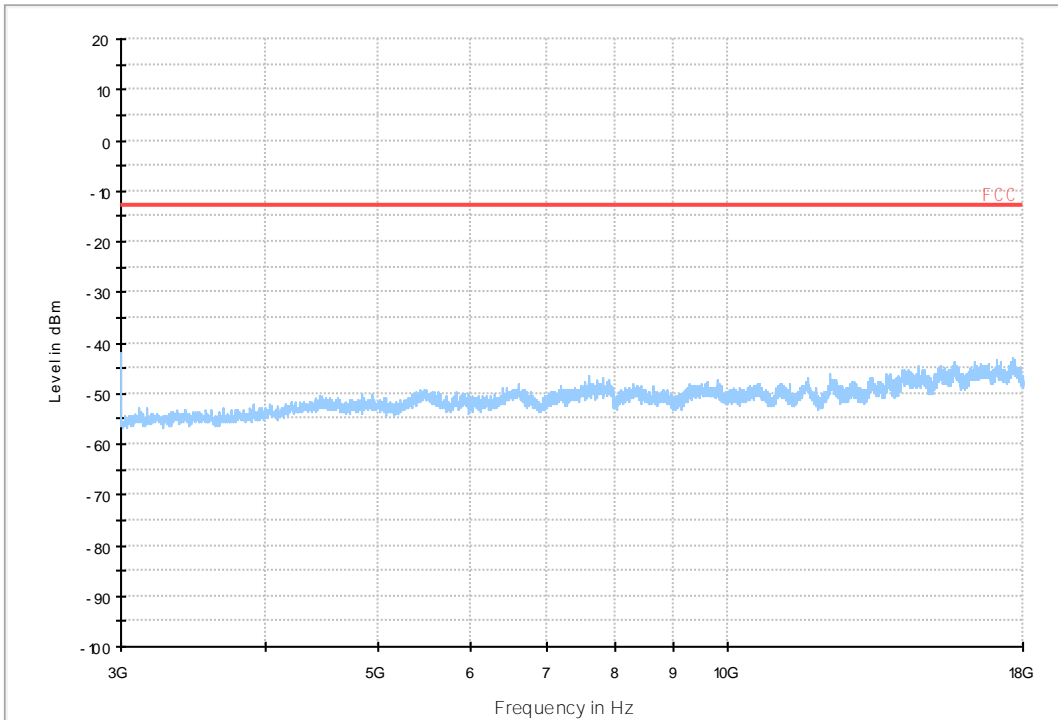




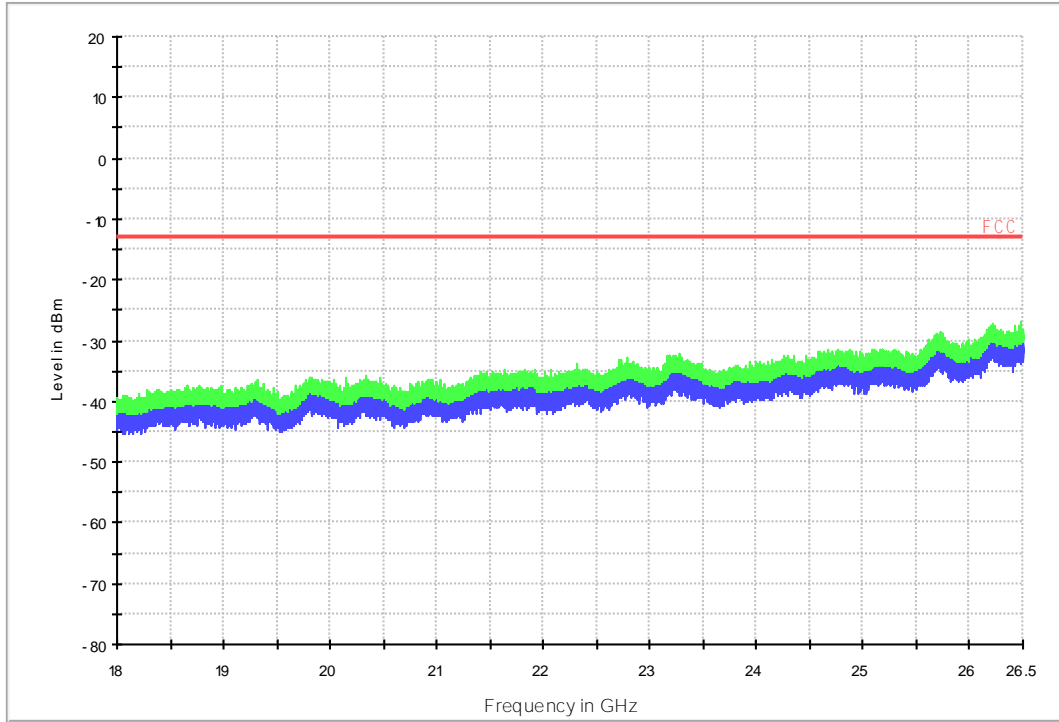
LTE TDD Band 33~ Band 48 RSE-TX-DIRECTOR ABOVE 1.5G_L



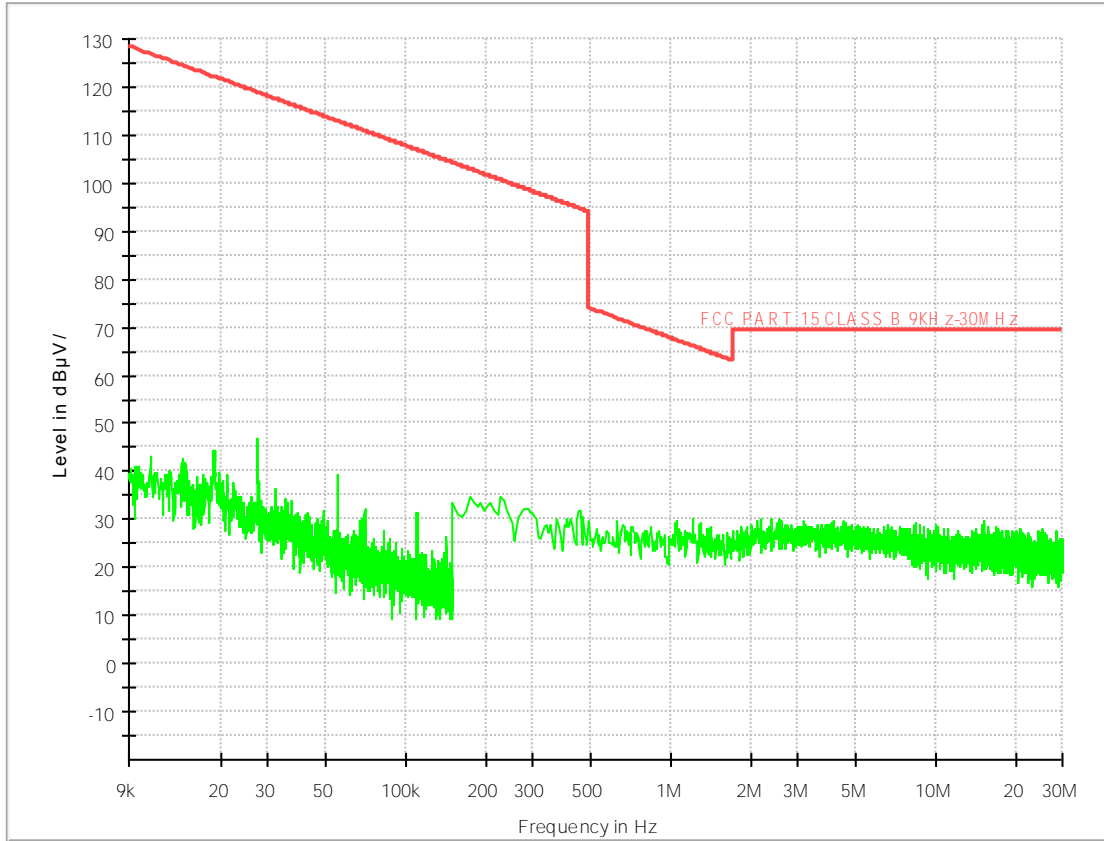
LTE TDD Band 33~ band48 RSE-TX-DIRECTOR ABOVE 1.5G_H



18G~26.5G R SE-TX-DIRECTOR ABOVE 1.5G PK

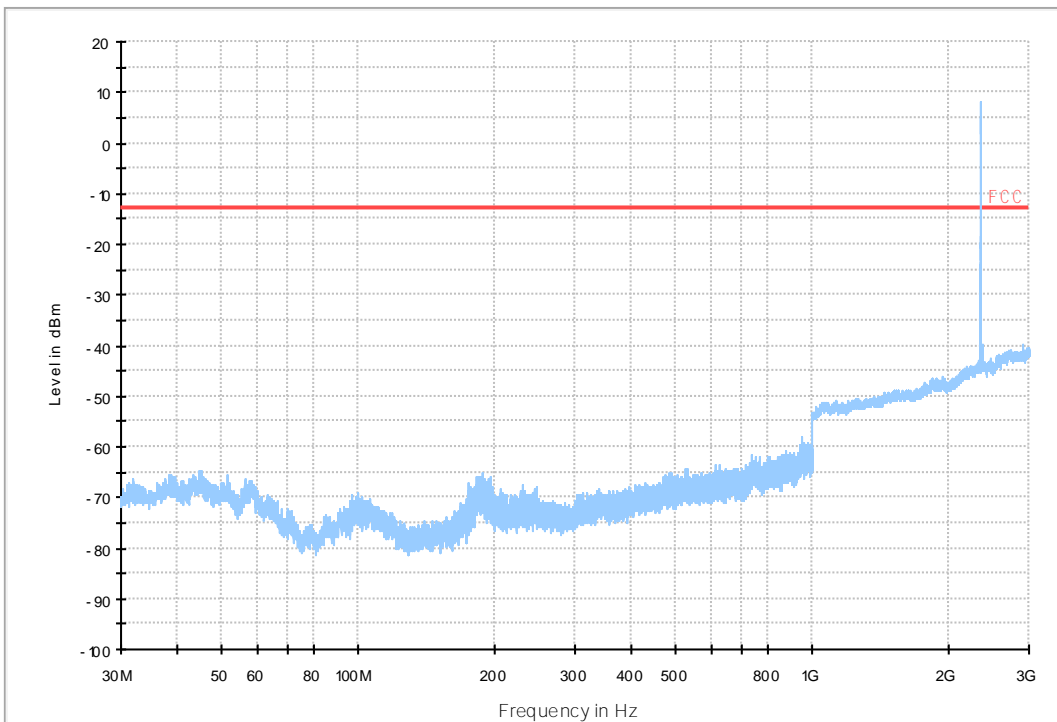


7.1.1.2 Test Bandwidth = 10

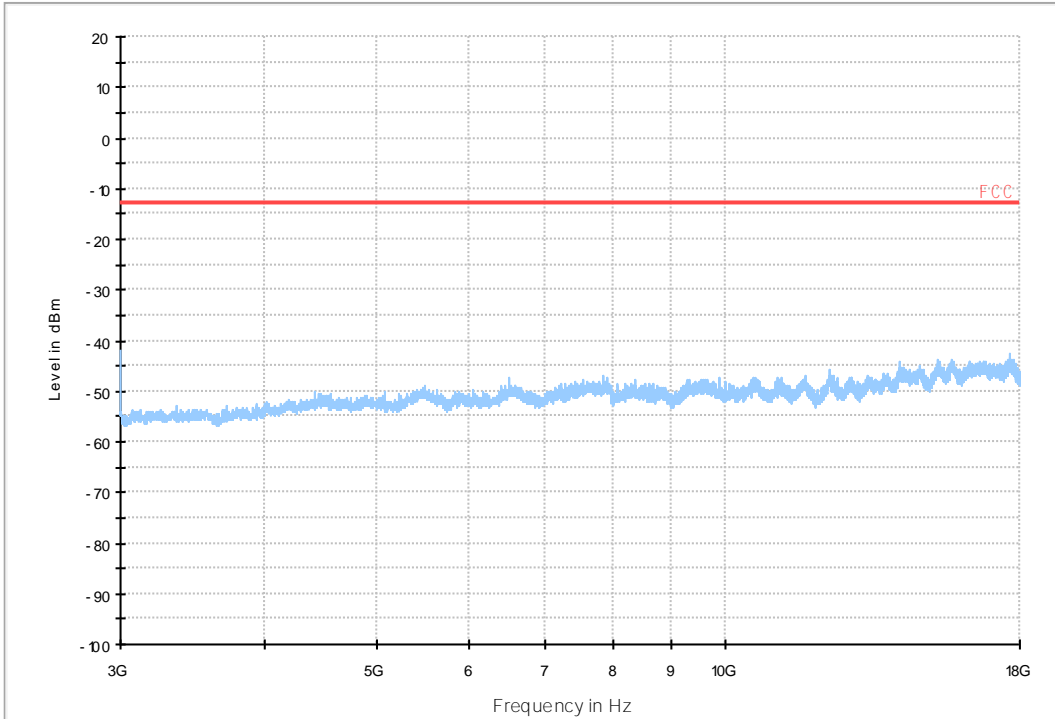




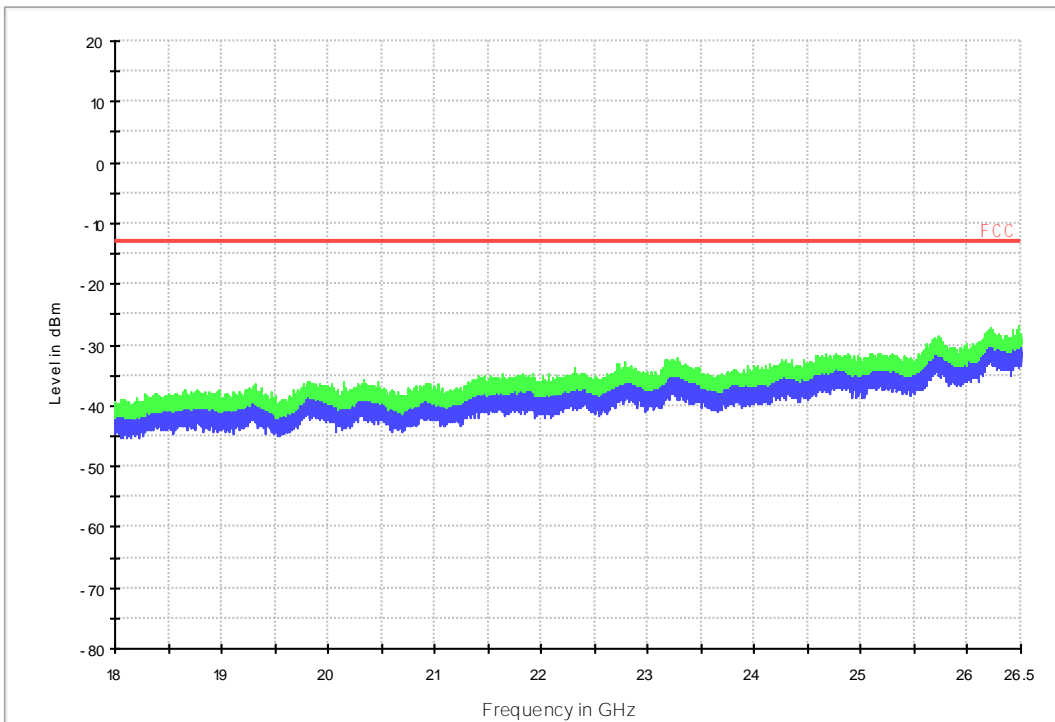
LTE TDD Band 33~ Band 48 RSE-TX-DIRECTOR ABOVE 1.5G_L



LTE TDD Band 33- band48 R SE-TX-DIRECT OR ABOVE 1.5G_H



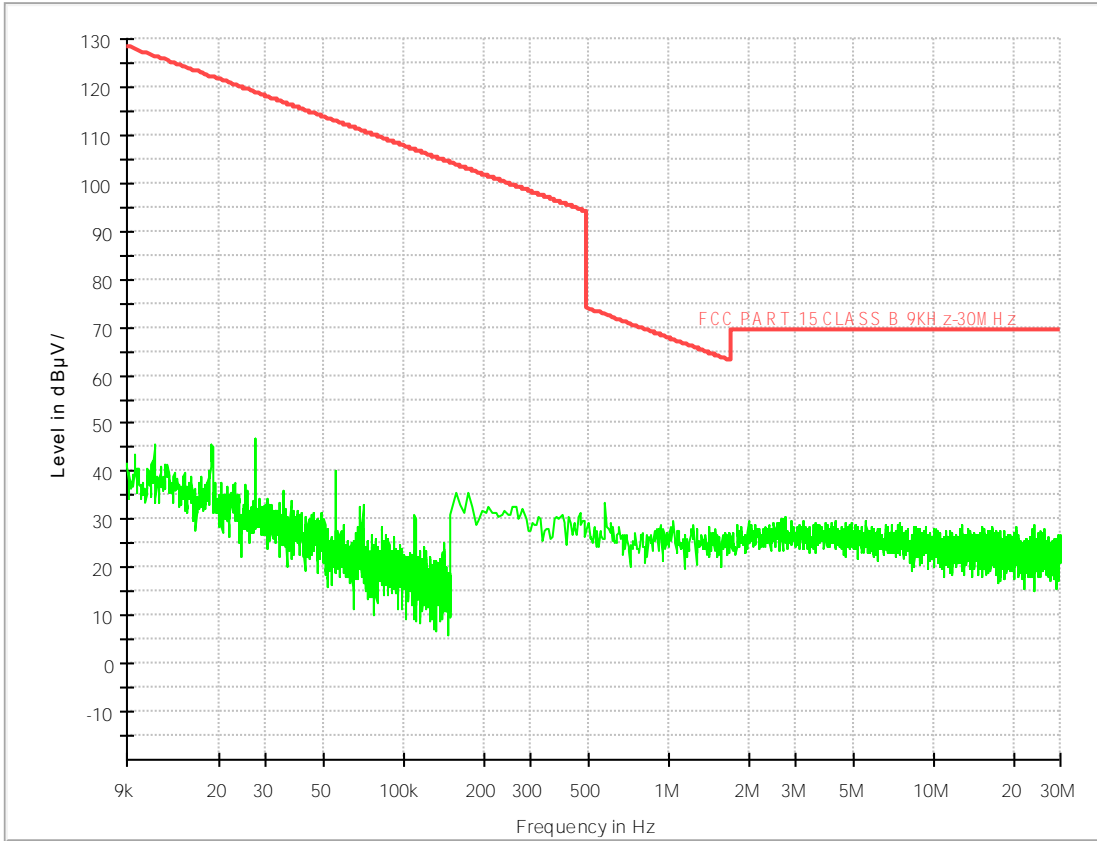
18G~ 26.5G R SE-TX-DIRECT OR ABOVE 1.5G PK





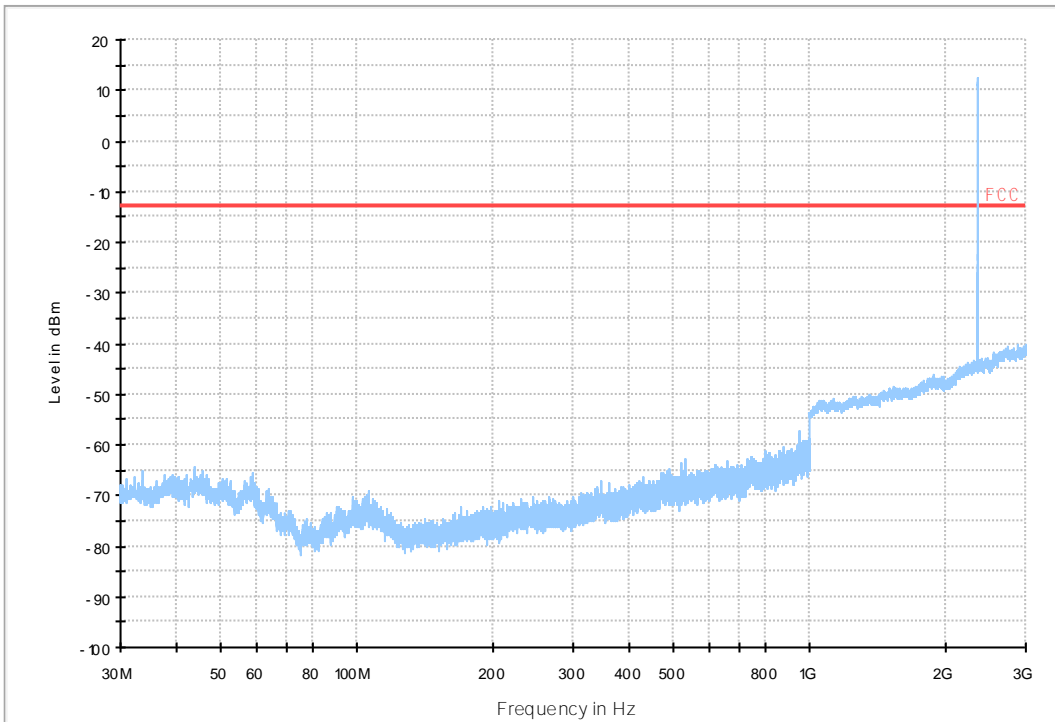
7.1.2 Test Band = BAND40_Ant2

7.1.2.1 Test Bandwidth = 5

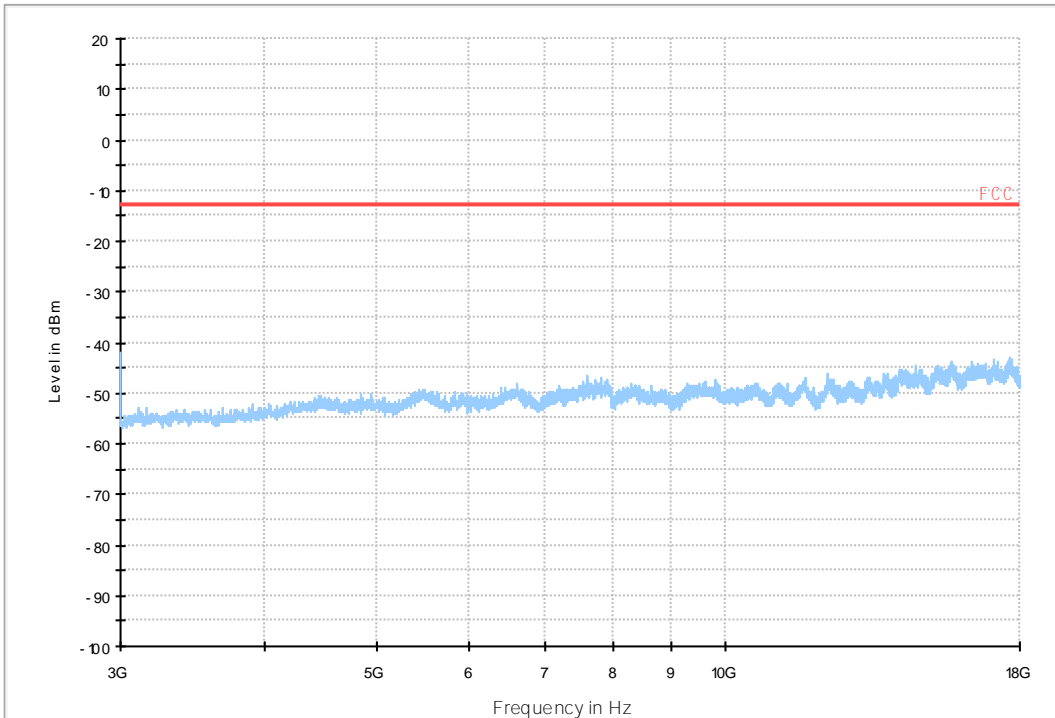




LTE TDD Band 33- Band 48 RSE-TX-DIRECTOR ABOVE 1.5G_L

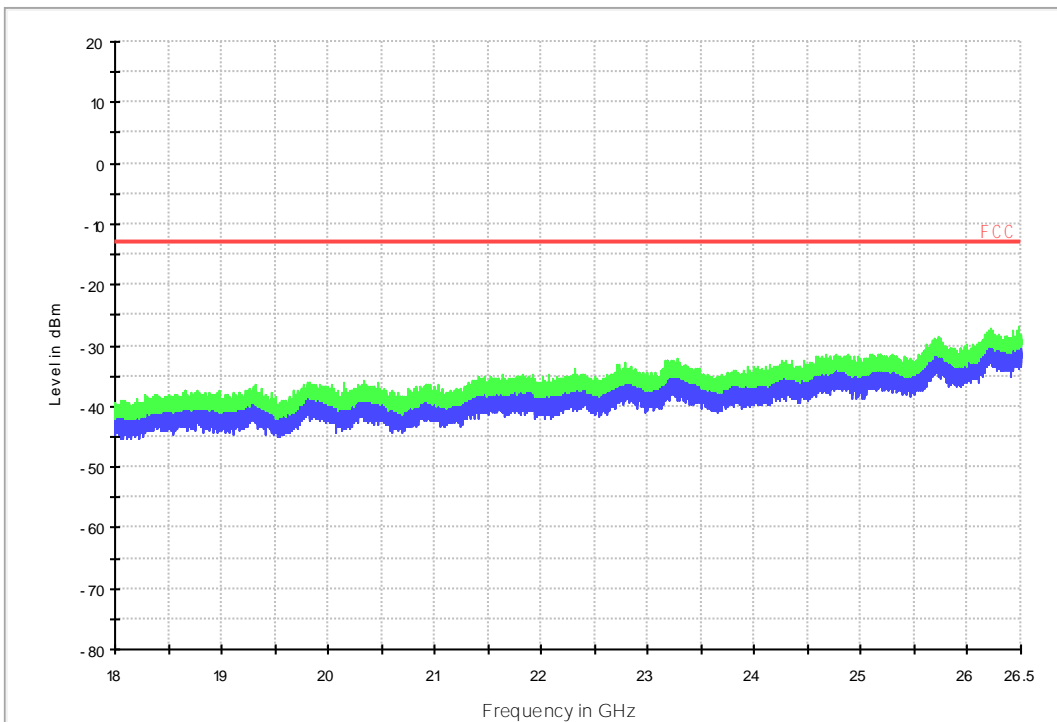


LTE TDD Band 33- band48 RSE -TX-DIRECTOR ABOVE 1.5G_H

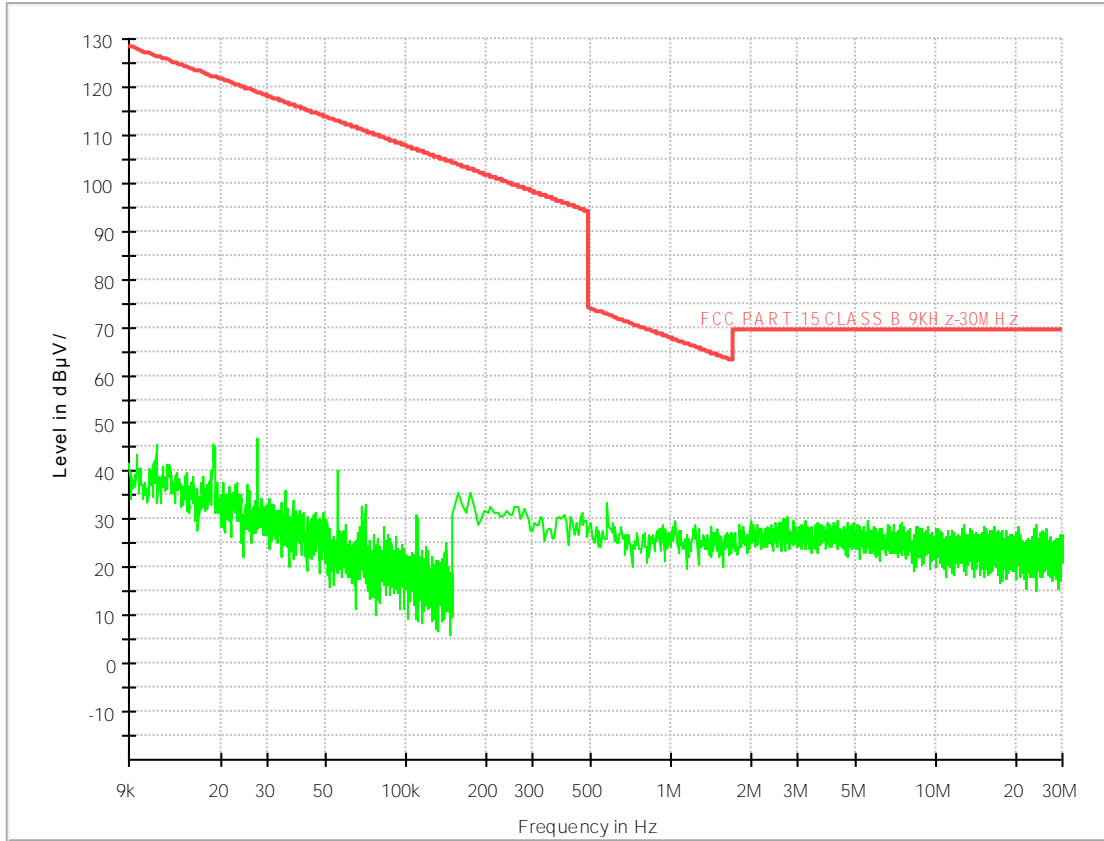




18G~26.5G R SE-TX-DIRECTOR ABOVE 1.5G PK

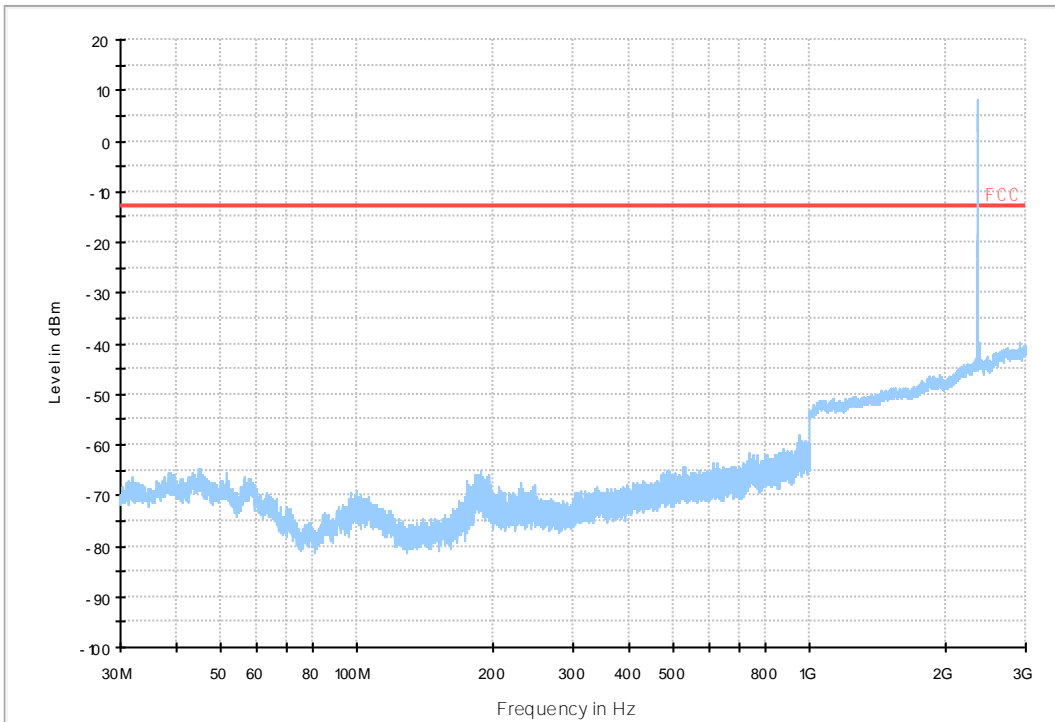


7.1.2.2 Test Bandwidth = 10

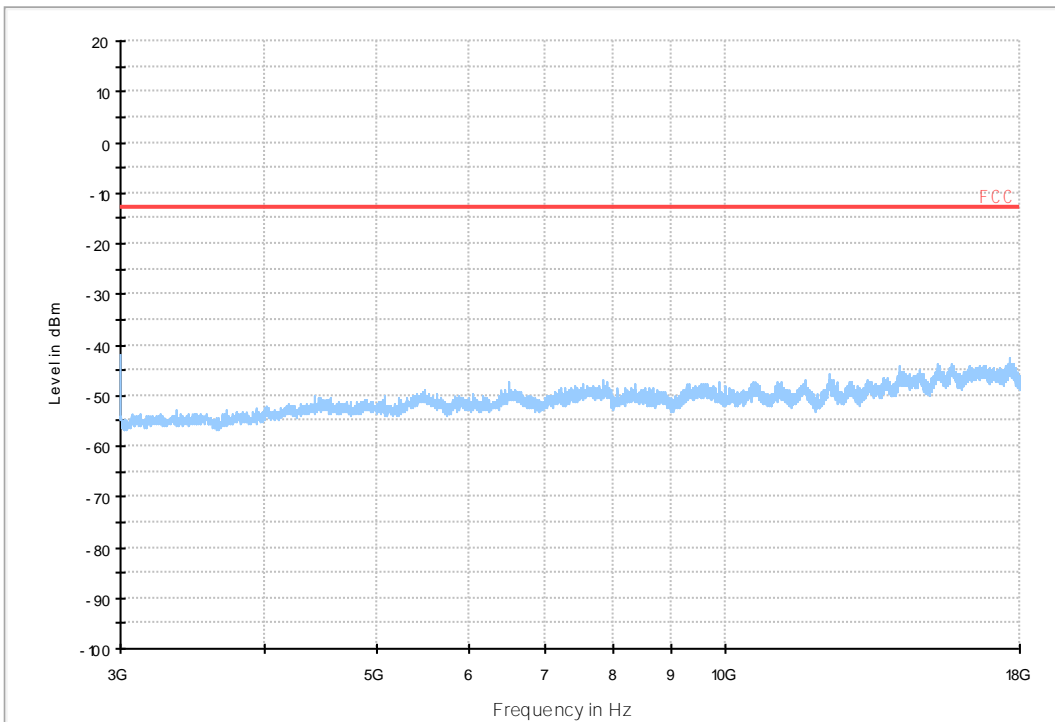




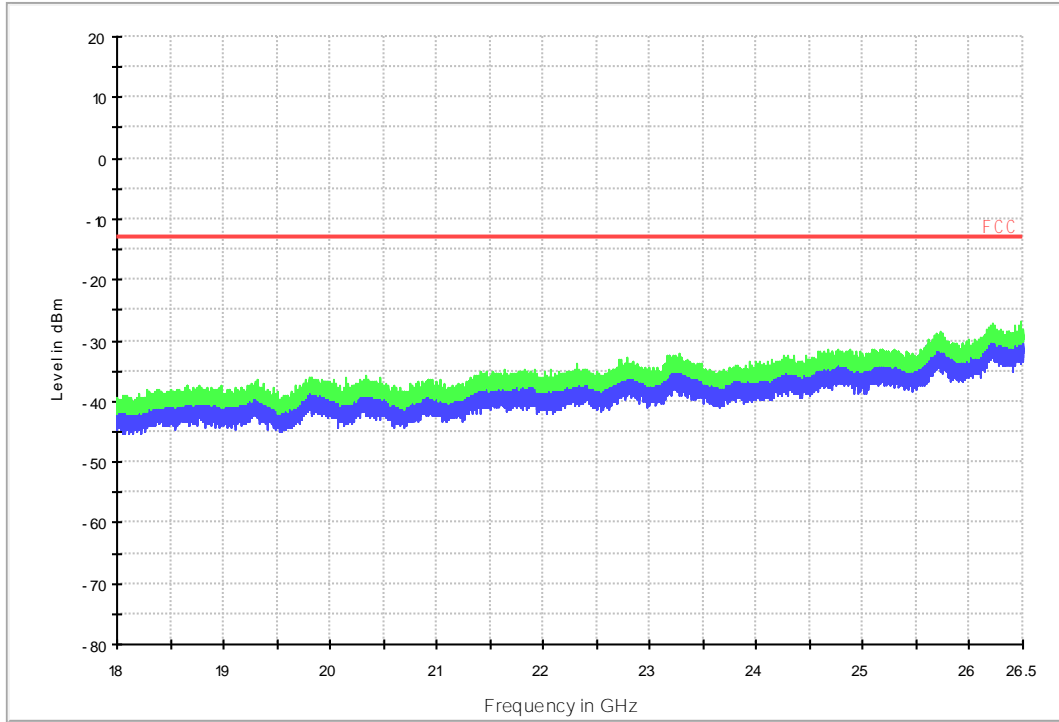
LTE TDD Band 33~ Band 48 RSE-TX-DIRECTOR ABOVE 1.5G_L



LTE TDD Band 33~ band48 RSE-TX-DIRECTOR ABOVE 1.5G_H



18G~26.5G RSE-TX-DIRECTOR ABOVE 1.5G PK





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			
BAND40	LTE/TM1	5	LCH	TN	VL	-17.58	-0.00747	PASS			
					VN	-19.73	-0.00839	PASS			
					VH	-17.8	-0.00757	PASS			
			MCH	TN	VL	-21.66	-0.0092	PASS			
					VN	-18.61	-0.0079	PASS			
					VH	-19.23	-0.00817	PASS			
		HCH	TN	VL	-23.76	-0.01008	PASS				
				VN	-25.73	-0.01091	PASS				
				VH	-24.88	-0.01055	PASS				
		10	LCH/ MCH/ HCH	TN	VL	-25.03	-0.01063	PASS			
					VN	-20.61	-0.00875	PASS			
					VH	-19.48	-0.00827	PASS			
	LTE/TM2				5	LCH	TN	VL	-8.17	-0.00347	PASS
								VN	-9.93	-0.00422	PASS
								VH	-7.4	-0.00315	PASS
	MCH	TN	VL	-12.66		-0.00538	PASS				
			VN	-17.21		-0.00731	PASS				
			VH	-24.49		-0.0104	PASS				
	HCH	TN	VL	-4.31	-0.00183	PASS					
			VN	-18.91	-0.00802	PASS					
			VH	-23.33	-0.0099	PASS					
	10	LCH/ MCH/ HCH	TN	VL	-24.06	-0.01022	PASS				
				VN	-7.52	-0.00319	PASS				
				VH	-12.9	-0.00548	PASS				

8.1.2Frequency Error vs. Temperature:

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
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BAND40	LTE/TM1	5	LCH	VN	-30	-20.66	-0.00878	PASS			
					-20	-21.82	-0.00928	PASS			
					-10	-20.77	-0.00883	PASS			
					0	-20.37	-0.00866	PASS			
					10	-23	-0.00978	PASS			
					20	-19.97	-0.00849	PASS			
					30	-19.11	-0.00812	PASS			
					40	-21.06	-0.00895	PASS			
					50	-18.28	-0.00777	PASS			
			MCH	VN	-30	-21.27	-0.00903	PASS			
					-20	-20.04	-0.00851	PASS			
					-10	-20.06	-0.00852	PASS			
					0	-21.39	-0.00908	PASS			
					10	-21.56	-0.00915	PASS			
					20	-19.61	-0.00833	PASS			
		30			-20.7	-0.00879	PASS				
		40			-23.42	-0.00994	PASS				
		50			-20.67	-0.00878	PASS				
		HCH	VN	-30	-22.83	-0.00968	PASS				
				-20	-21.1	-0.00895	PASS				
				-10	-19.77	-0.00839	PASS				
				0	-23.49	-0.00996	PASS				
				10	-22.16	-0.0094	PASS				
				20	-22.97	-0.00974	PASS				
				30	-24.32	-0.01032	PASS				
				40	-19.94	-0.00846	PASS				
				50	-21.87	-0.00928	PASS				
		10	LCH/ MCH/ HCH	VN	-30	-21.49	-0.00913	PASS			
					-20	-21.84	-0.00927	PASS			
					-10	-20.87	-0.00886	PASS			
	0				-22.95	-0.00975	PASS				
	10				-19.41	-0.00824	PASS				
	20				-20.44	-0.00868	PASS				
	30				-19.96	-0.00848	PASS				
	40				-22.29	-0.00946	PASS				
	50				-21.36	-0.00907	PASS				
	LTE/TM2				5	LCH	VN	-30	-6.95	-0.00295	PASS
								-20	-21.8	-0.00927	PASS
								-10	-4.55	-0.00193	PASS
								0	-3.92	-0.00167	PASS
								10	-18	-0.00765	PASS



					20	-15.48	-0.00658	PASS
					30	-20.77	-0.00883	PASS
					40	-13.4	-0.0057	PASS
					50	-17.88	-0.0076	PASS
			MCH	VN	-30	-18.8	-0.00798	PASS
			MCH	VN	-20	-18.64	-0.00792	PASS
			MCH	VN	-10	-21.1	-0.00896	PASS
			MCH	VN	0	-11.03	-0.00468	PASS
			MCH	VN	10	-15.15	-0.00643	PASS
			MCH	VN	20	-17.9	-0.0076	PASS
			MCH	VN	30	-16.34	-0.00694	PASS
			MCH	VN	40	-20.18	-0.00857	PASS
			MCH	VN	50	-20.21	-0.00858	PASS
			HCH	VN	-30	3.33	0.00141	PASS
			HCH	VN	-20	-0.33	-0.00014	PASS
			HCH	VN	-10	0.36	0.00015	PASS
			HCH	VN	0	-1.34	-0.00057	PASS
			HCH	VN	10	-0.29	-0.00012	PASS
			HCH	VN	20	0.3	0.00013	PASS
			HCH	VN	30	1.56	0.00066	PASS
			HCH	VN	40	5.99	0.00254	PASS
			HCH	VN	50	1.85	0.00078	PASS
		10	LCH/ MCH/ HCH	VN	-30	-22.73	-0.00965	PASS
		10	LCH/ MCH/ HCH	VN	-20	-18.12	-0.00769	PASS
		10	LCH/ MCH/ HCH	VN	-10	-19.53	-0.00829	PASS
		10	LCH/ MCH/ HCH	VN	0	-22.26	-0.00945	PASS
		10	LCH/ MCH/ HCH	VN	10	-20.66	-0.00877	PASS
		10	LCH/ MCH/ HCH	VN	20	-21.3	-0.00904	PASS
		10	LCH/ MCH/ HCH	VN	30	-22.4	-0.00951	PASS
		10	LCH/ MCH/ HCH	VN	40	-20.1	-0.00854	PASS
		10	LCH/ MCH/ HCH	VN	50	-19.43	-0.00825	PASS

END