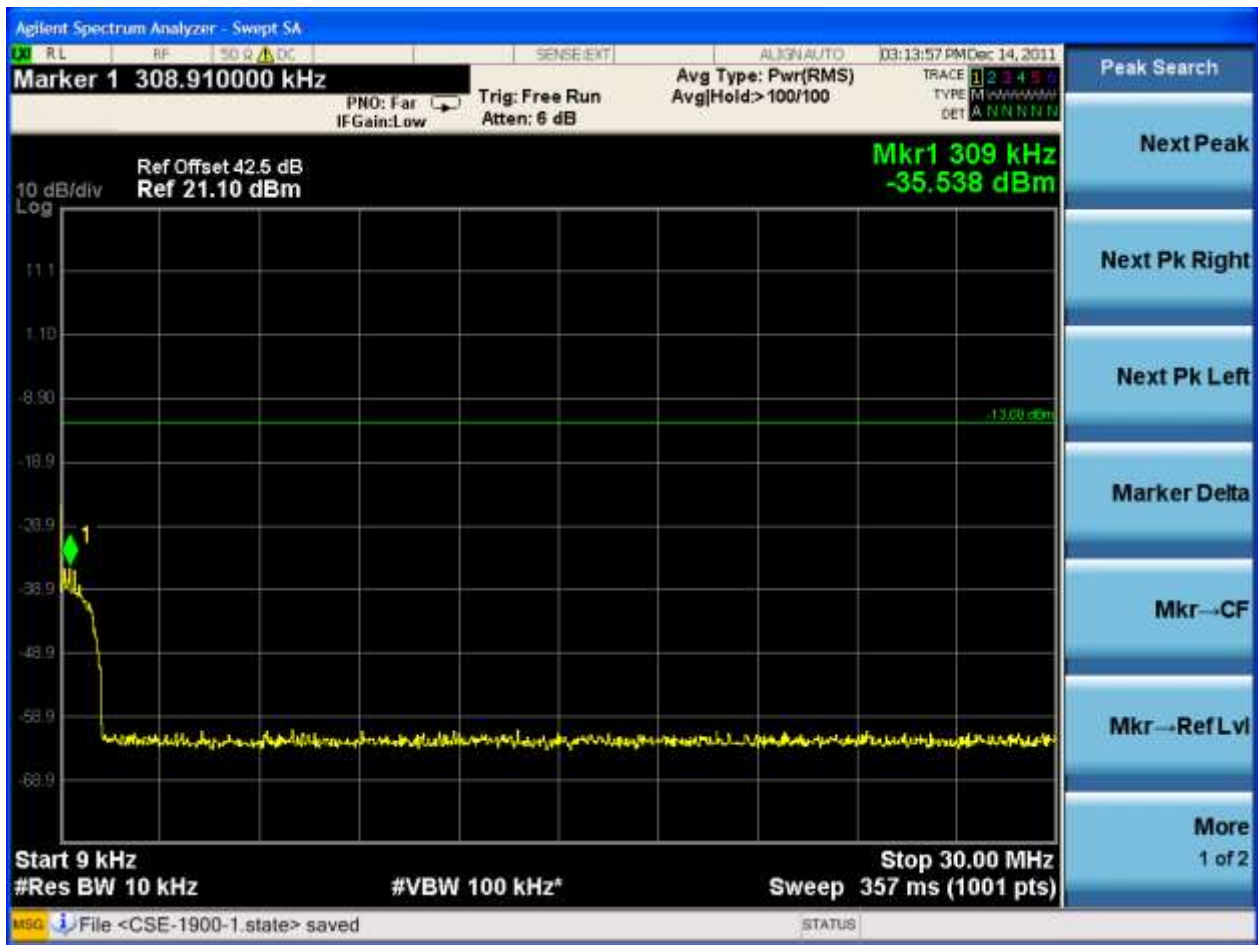


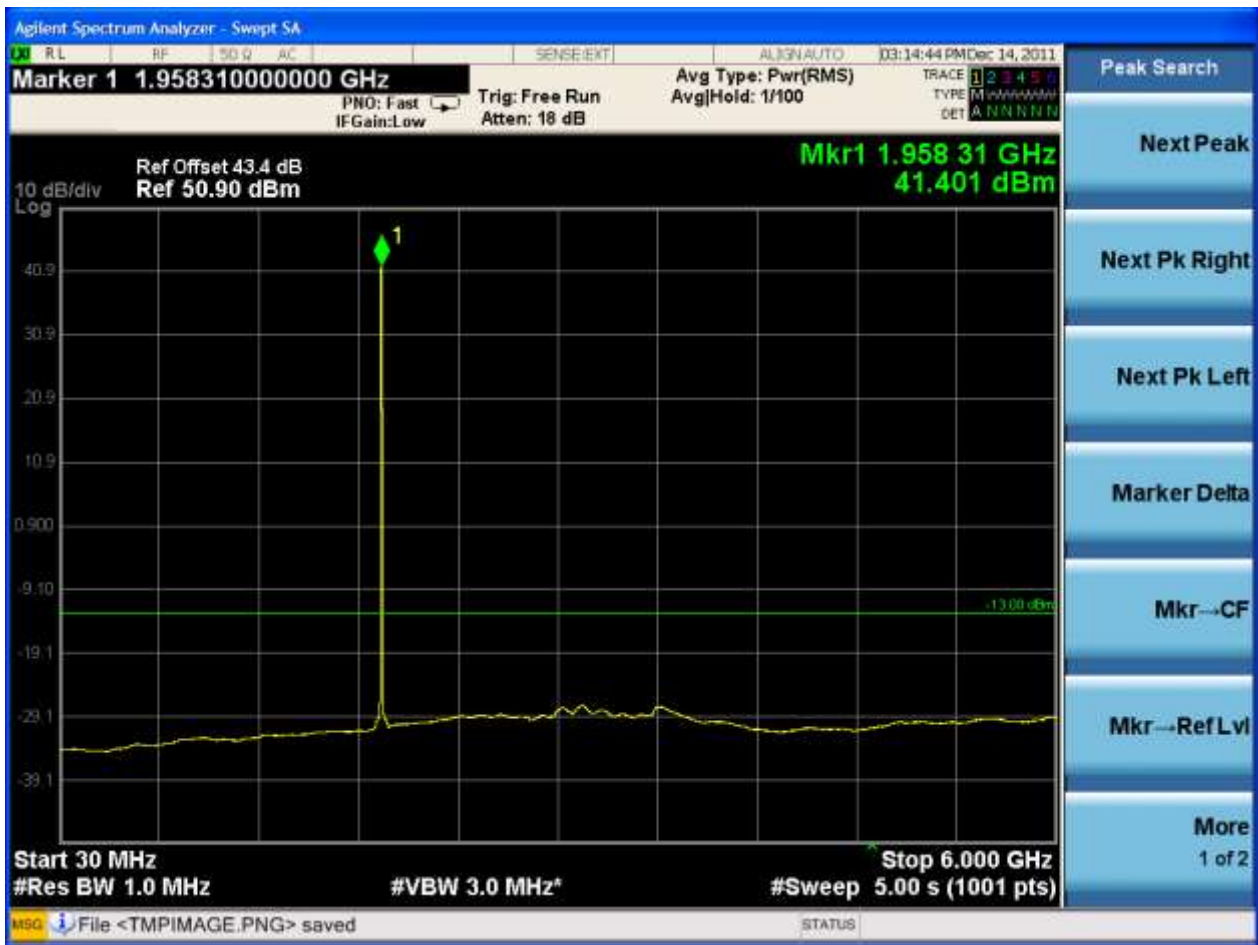






2.2.1.2 Ch. M

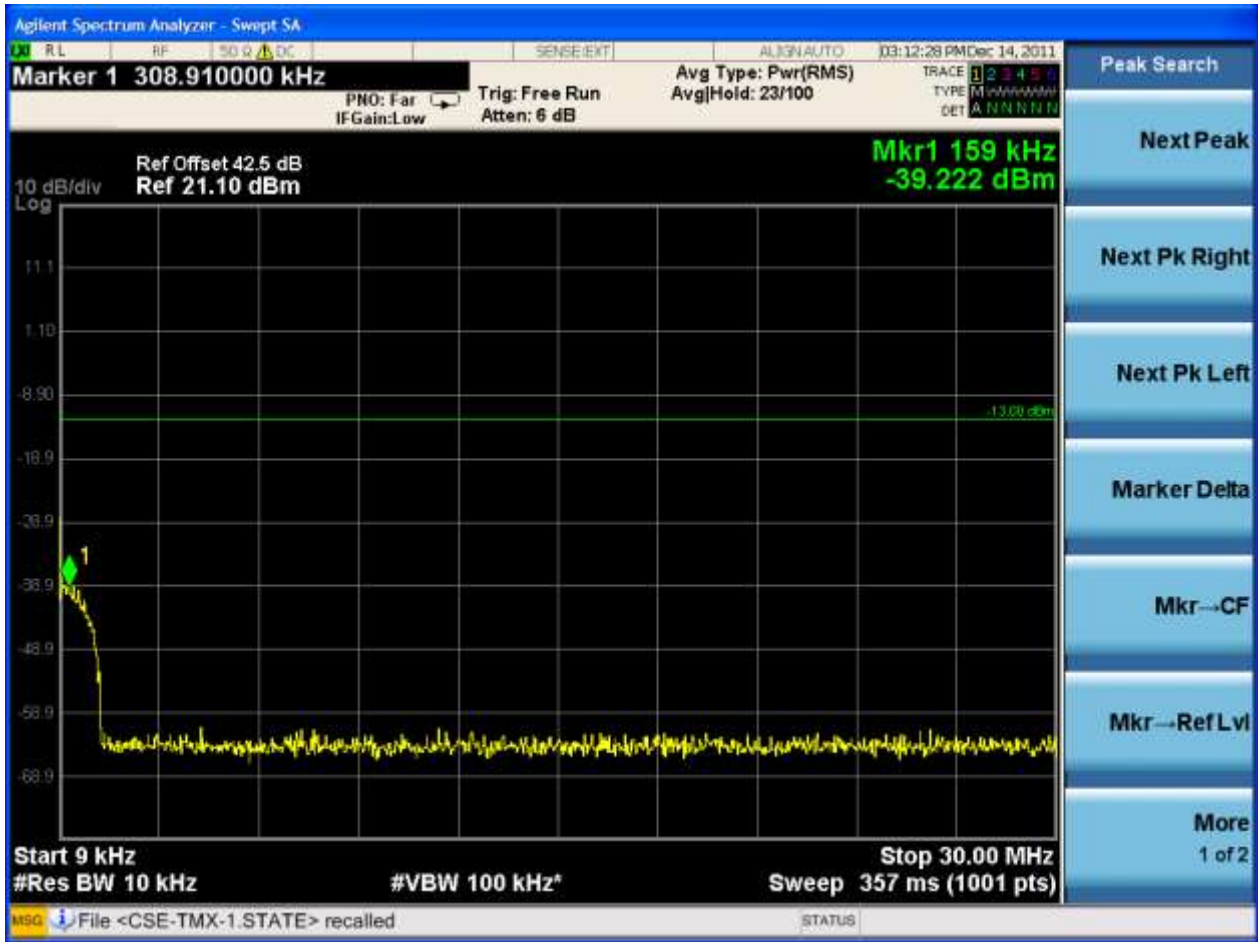


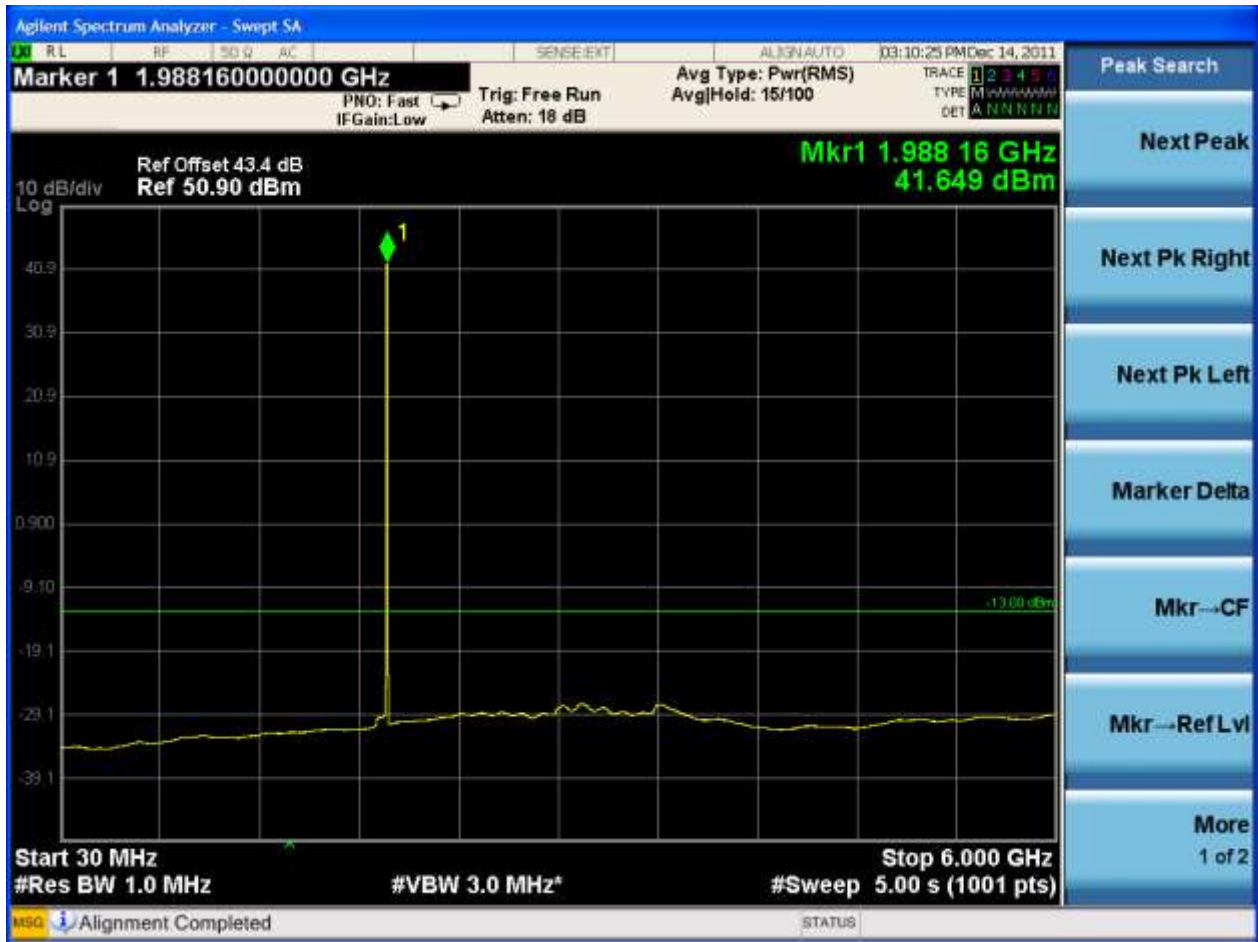






2.2.1.3 Ch. T









2.2.2 Carrier Conf. = 4(4*15W)

2.2.2.1 Ch. B

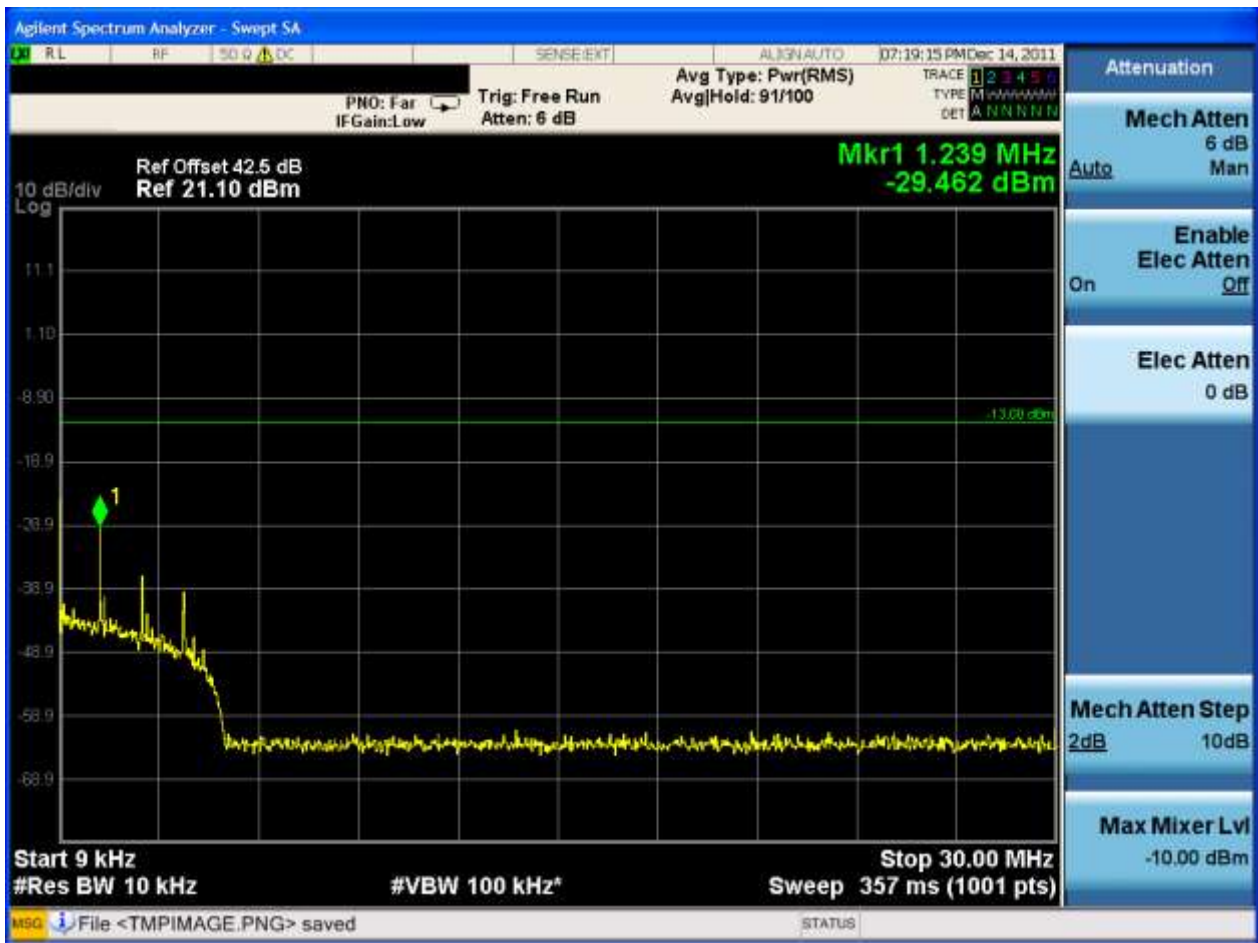


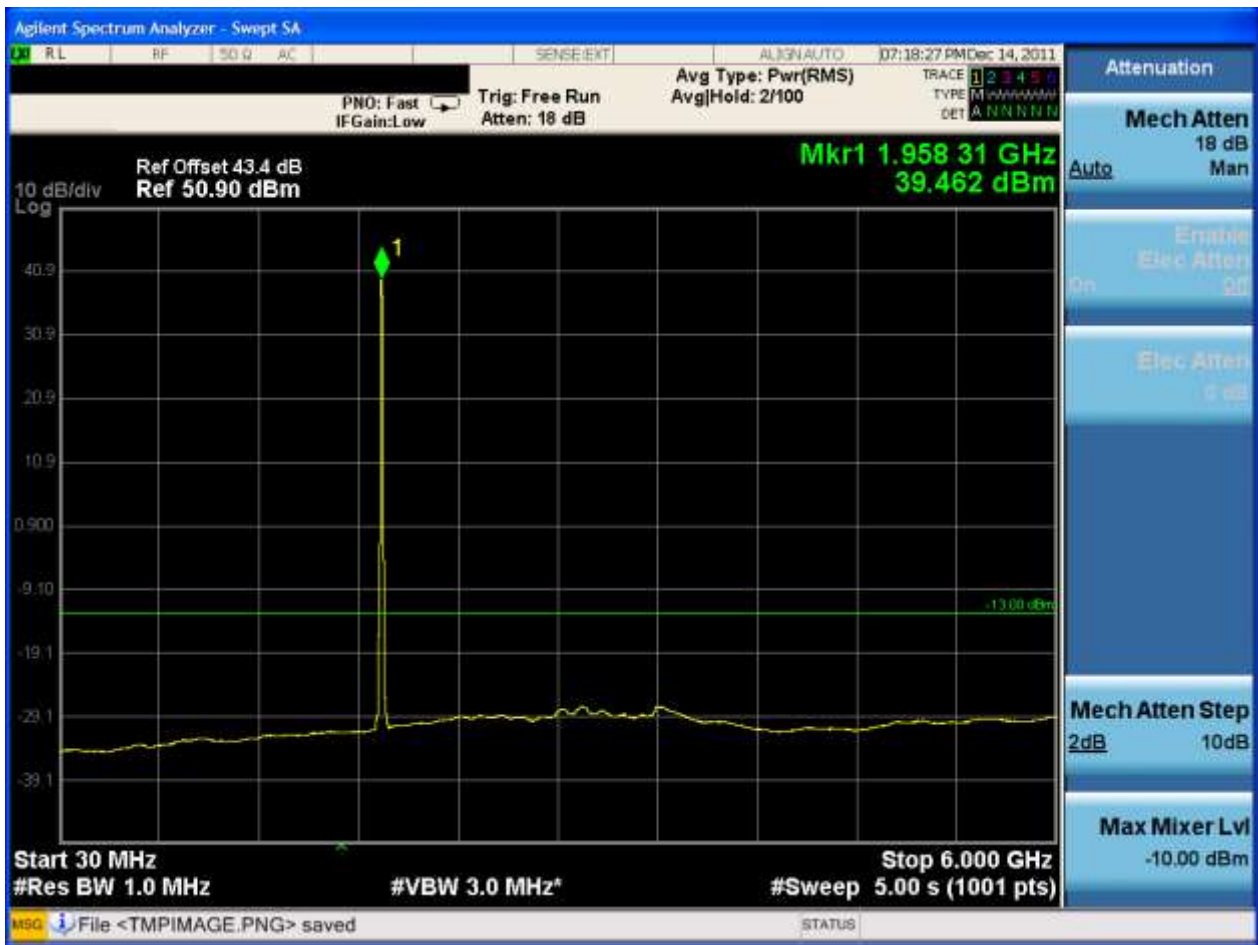






2.2.2.2 Ch. M

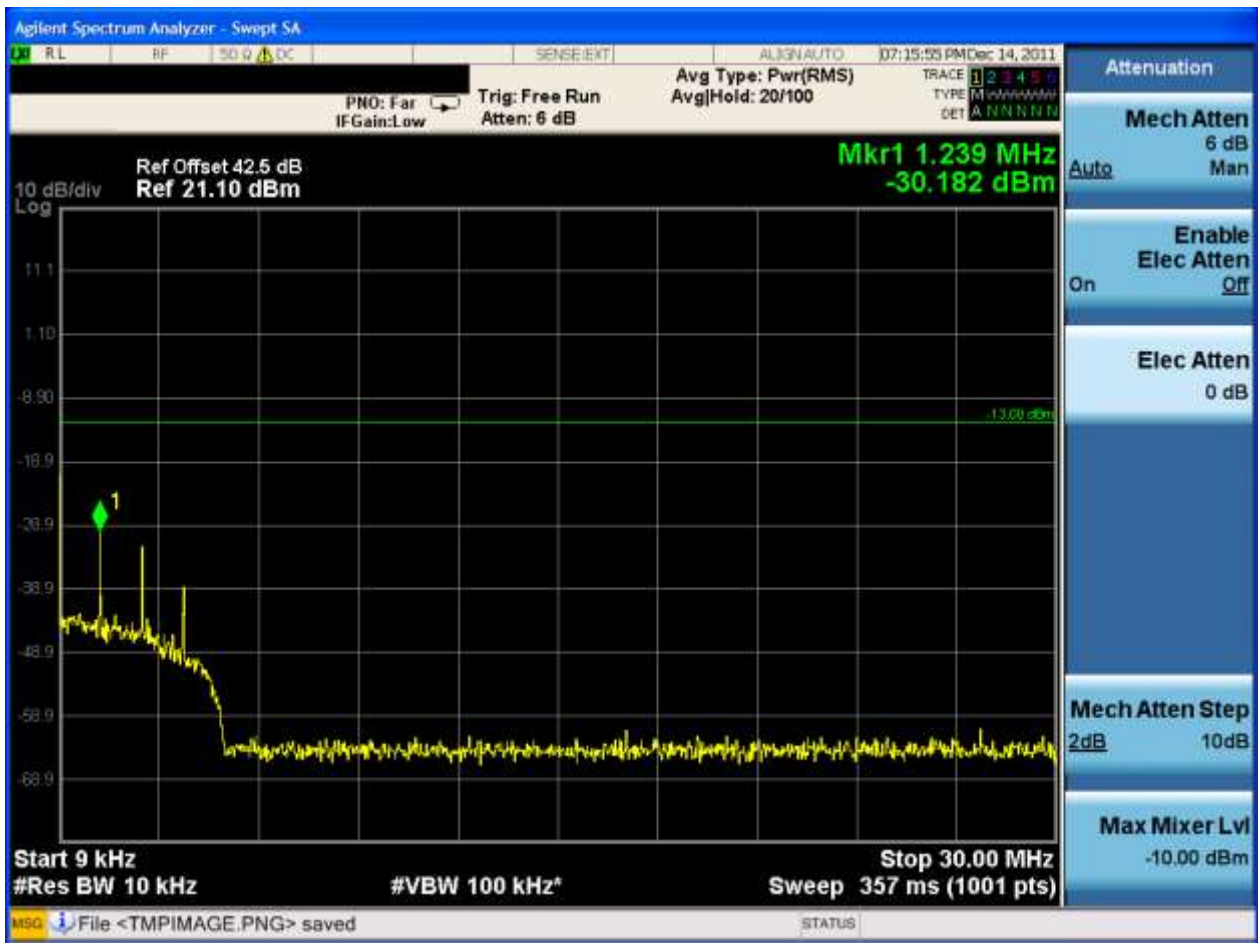








2.2.2.3 Ch. T









2.3 Test Mode = LTE

2.3.1 Carrier Conf. =1L_1.4M (60W)

2.3.1.1 Ch. B

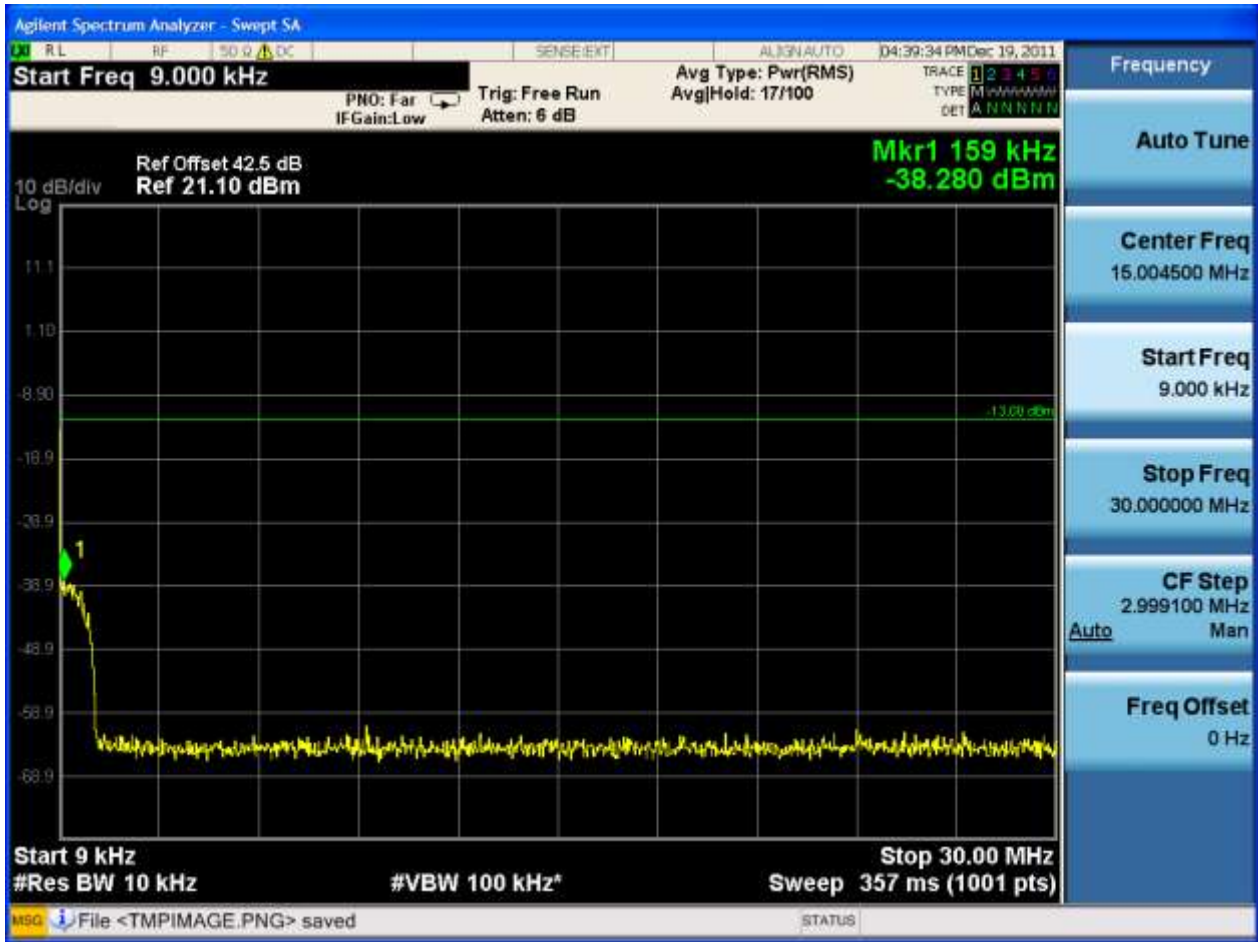








2.3.1.2 Ch. M

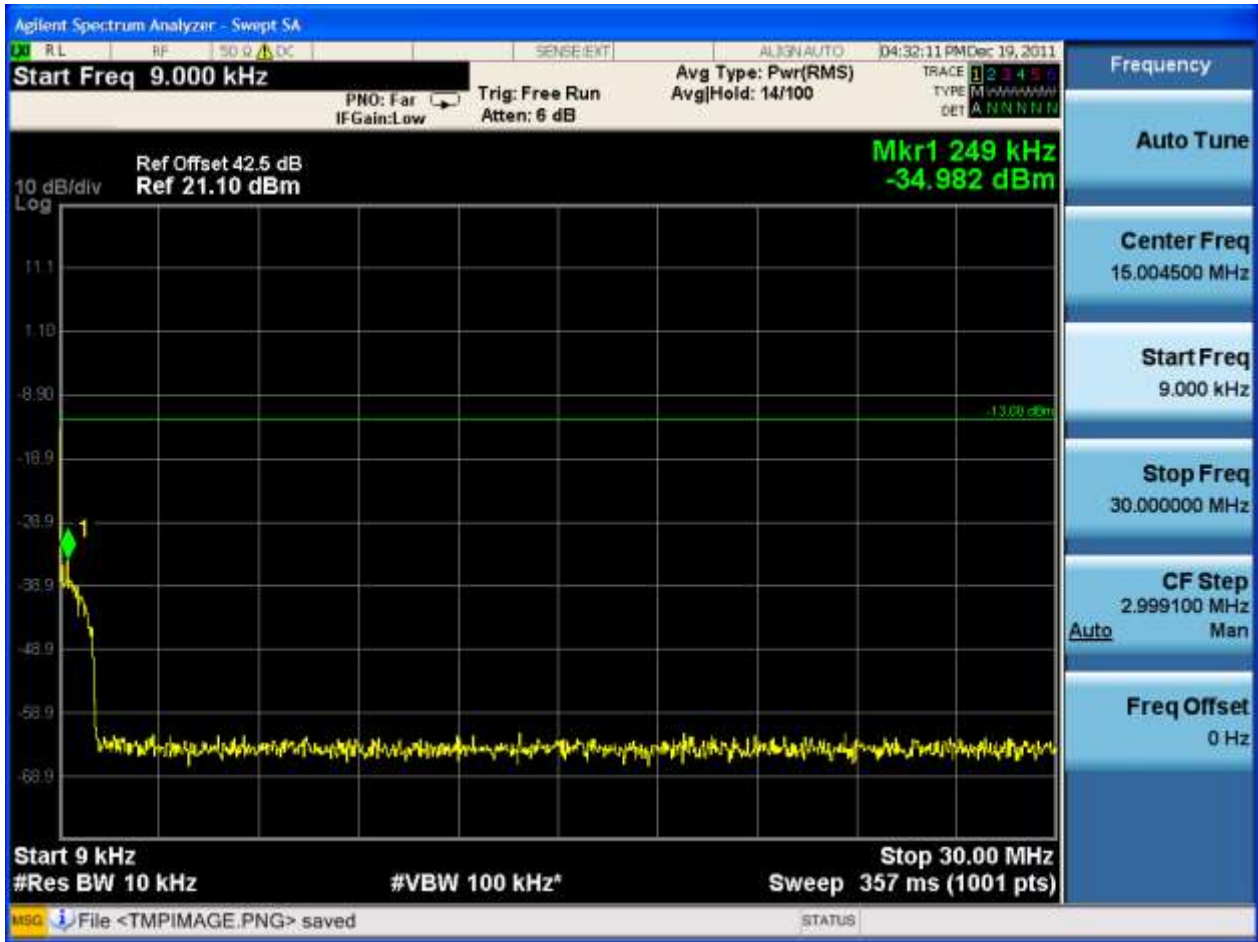


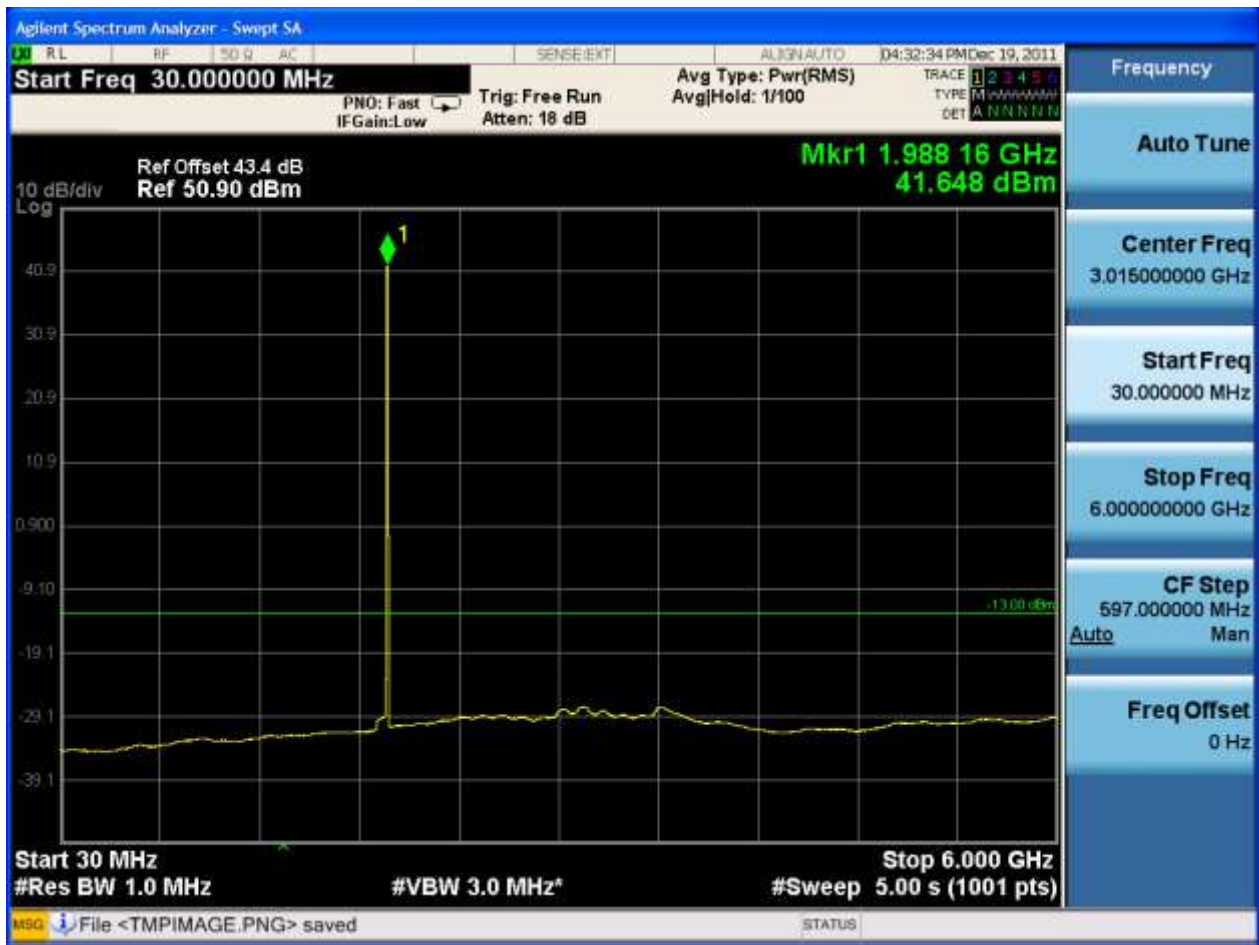






2.3.1.3 Ch. T



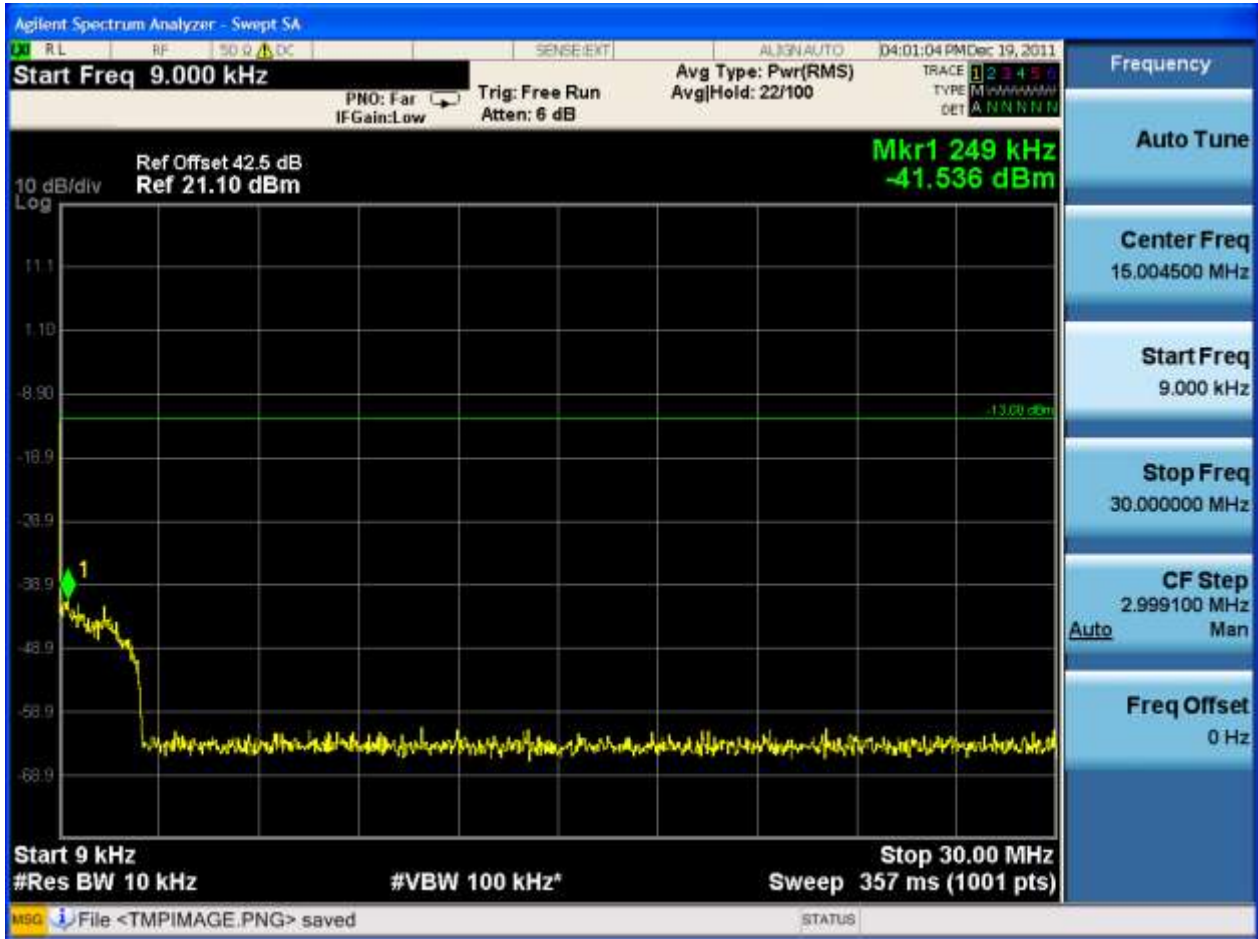






2.3.2 Carrier Conf. = 2L_1.4M (2*30W)

2.3.2.1 Ch. B

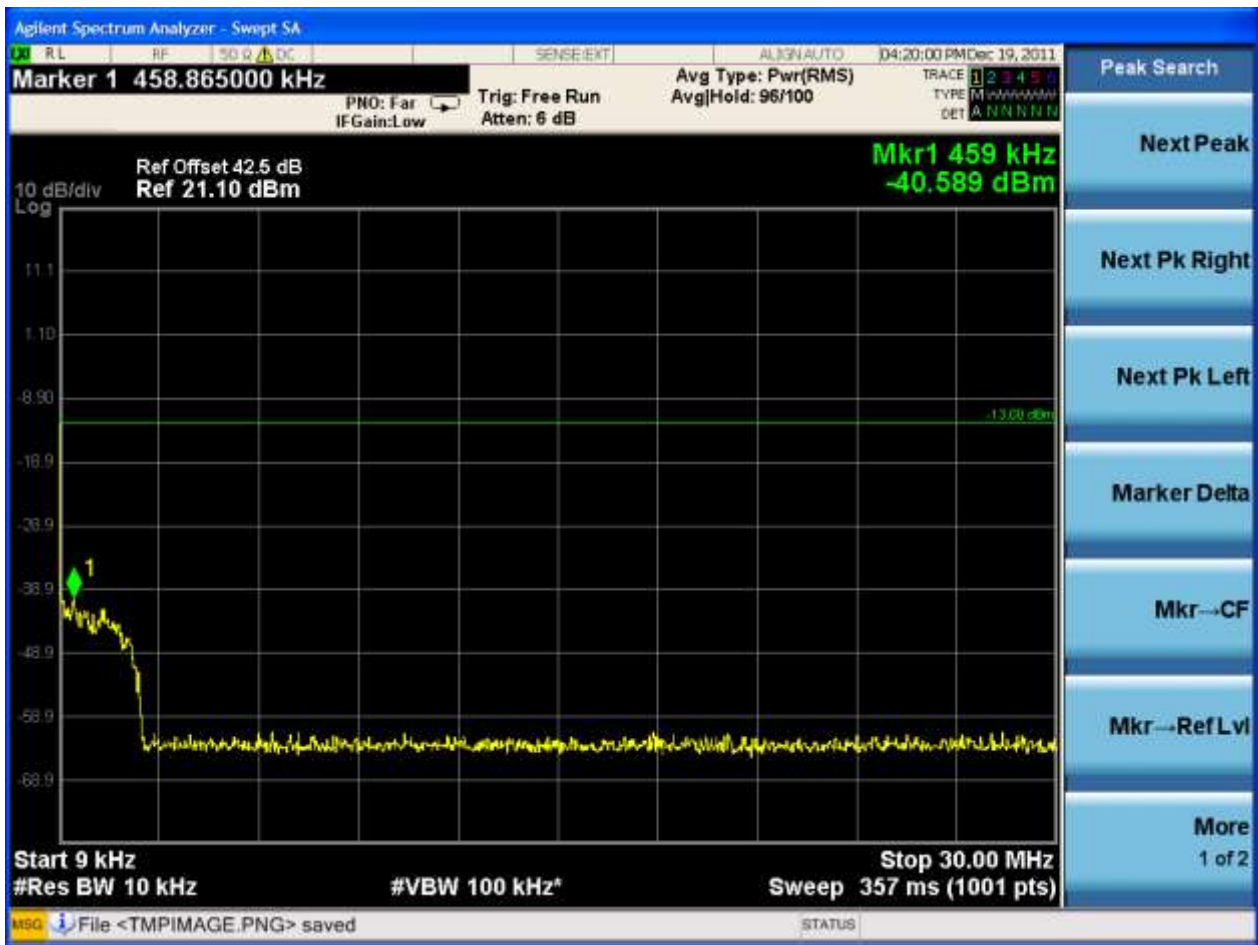








2.3.2.2 Ch. M

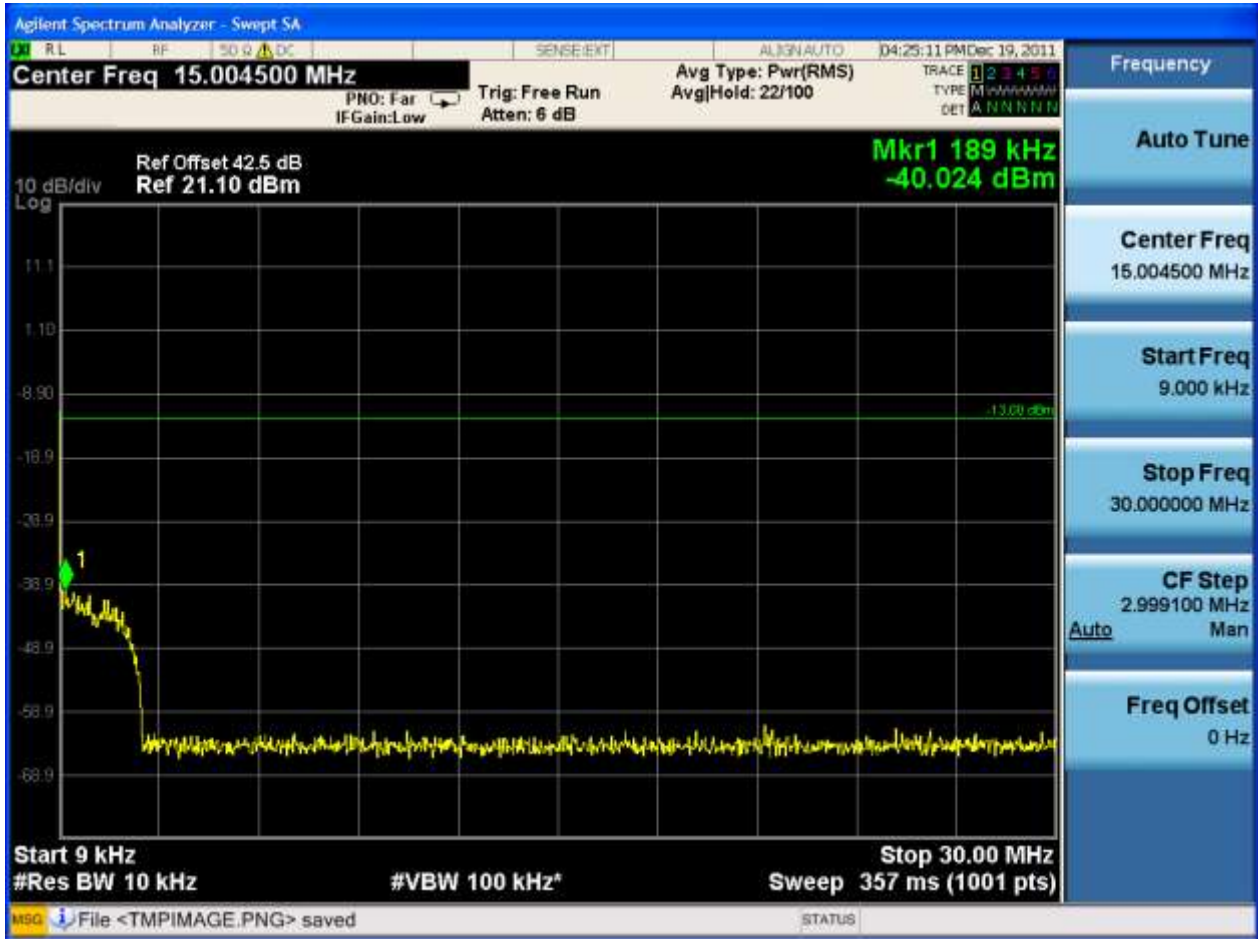


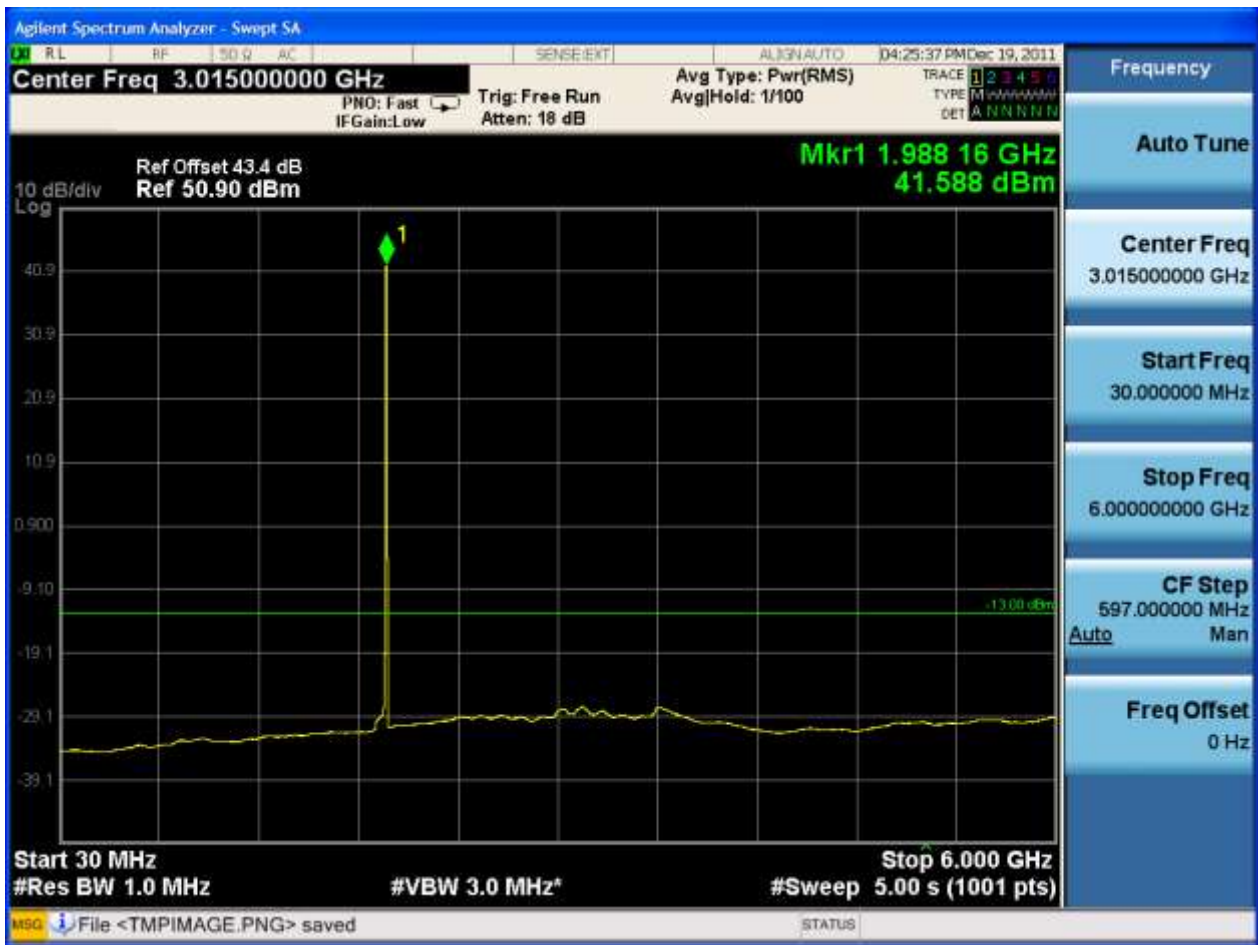






2.3.2.3 Ch. T





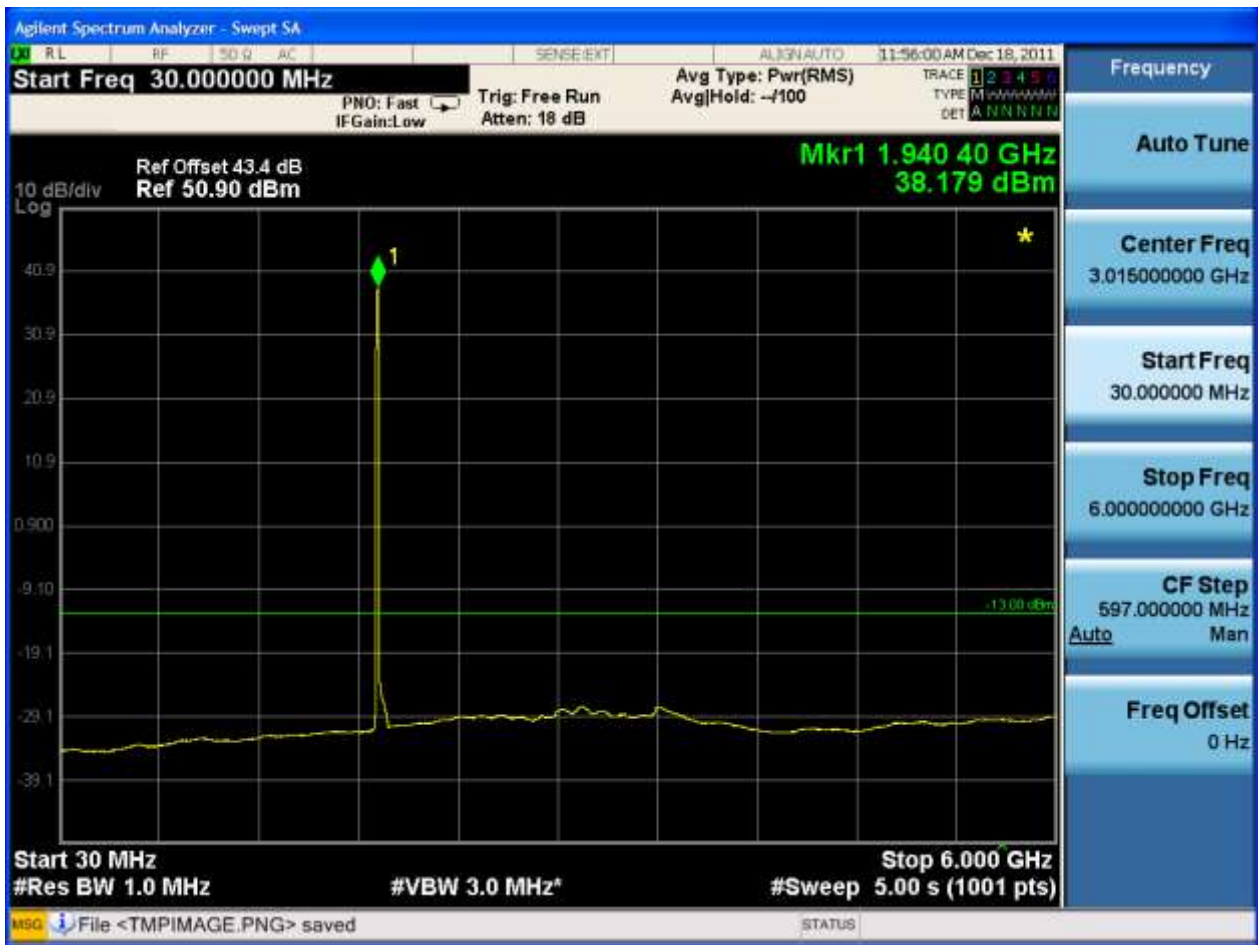




2.3.3 Carrier Conf. = 1L_15M (60W)

2.3.3.1 Ch. B

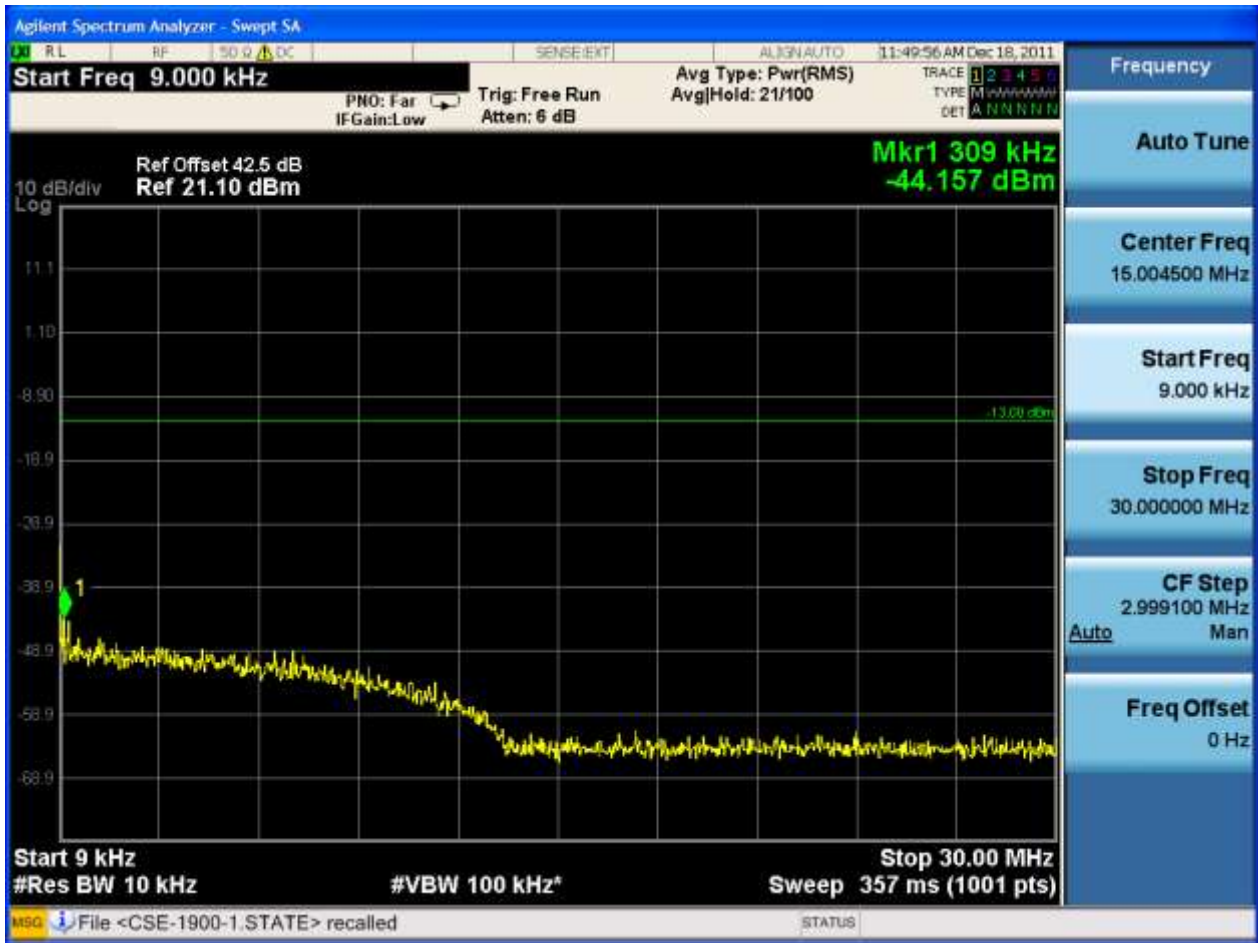


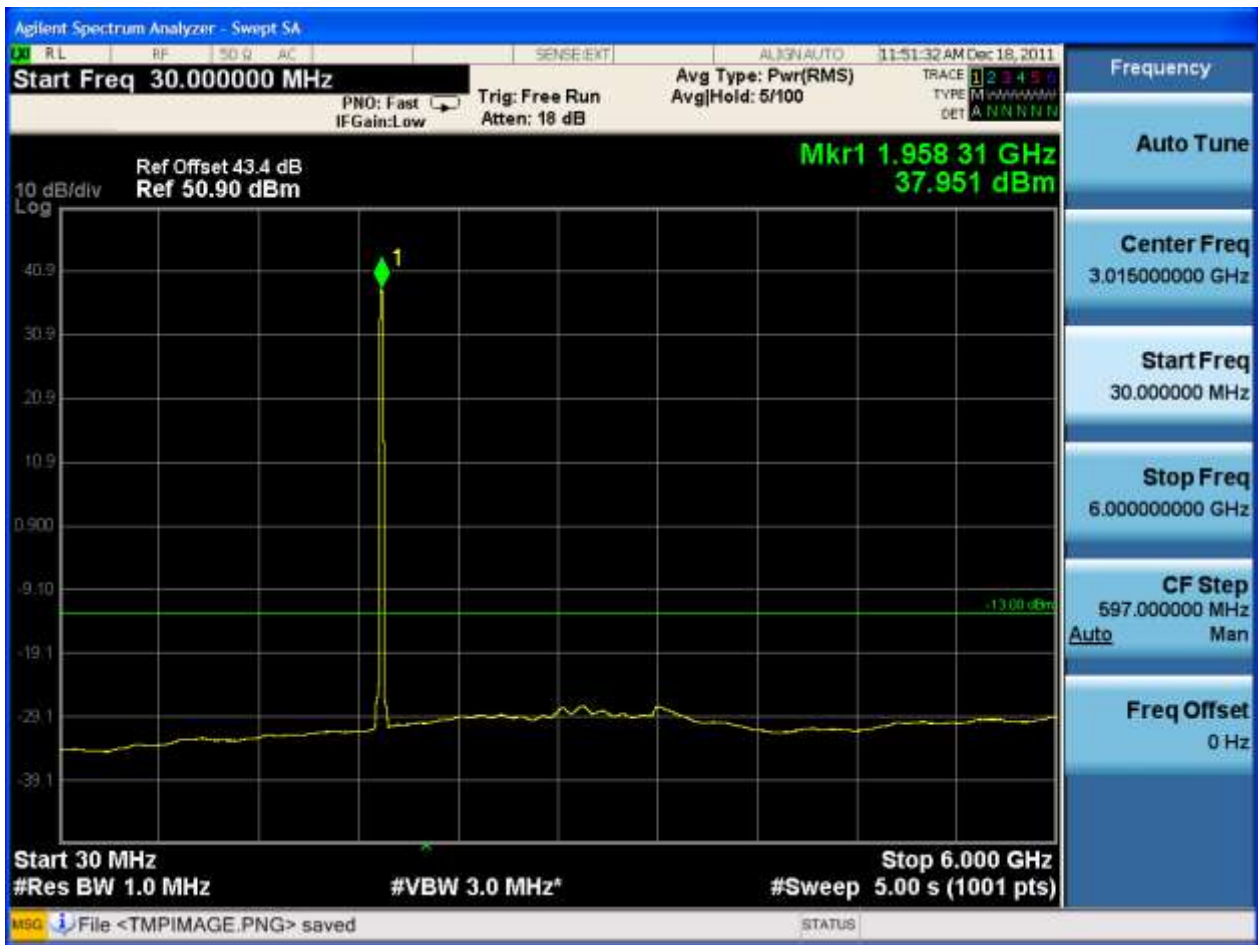






2.3.3.2 Ch. M









2.3.3.3 Ch. T









2.3.4 Carrier Conf. = 2L_15M (2*30W)

2.3.4.1 Ch. B

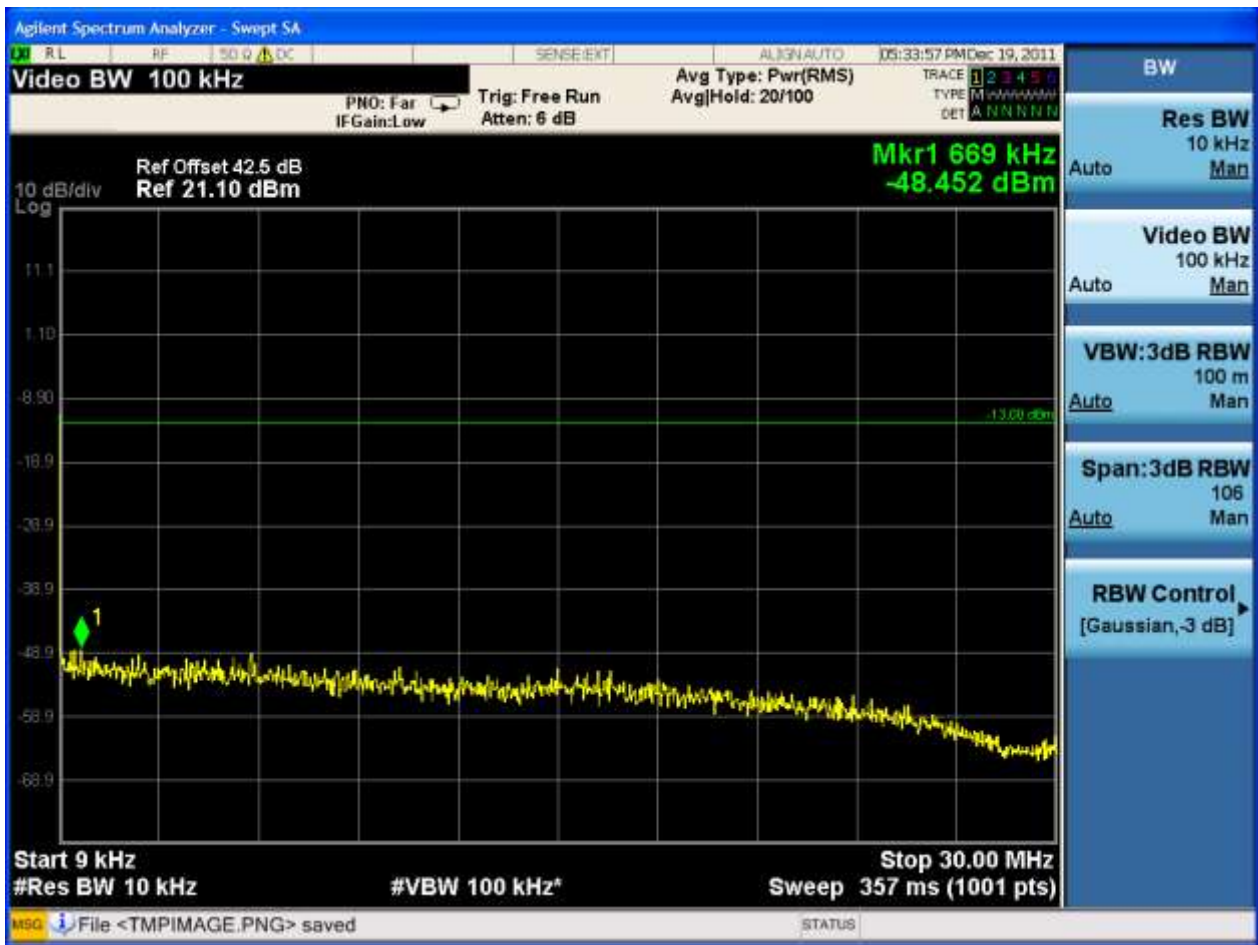


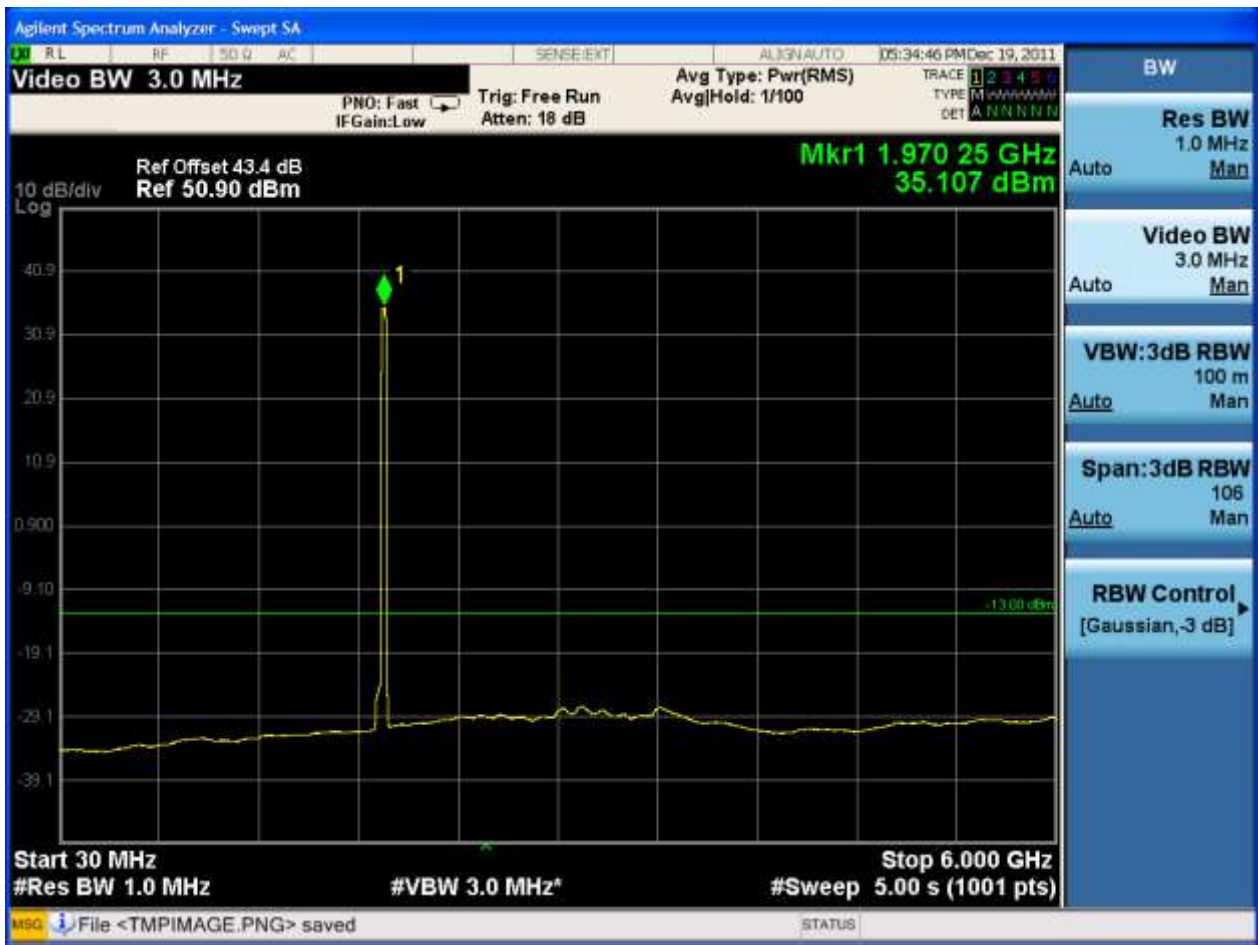






2.3.4.2 Ch. T









2.4 Test Mode = CDMA<E

2.4.1 Carrier Conf. = 1C+1L_5M (20W+20W)

2.4.1.1 Ch. B









2.4.1.2 Ch. M

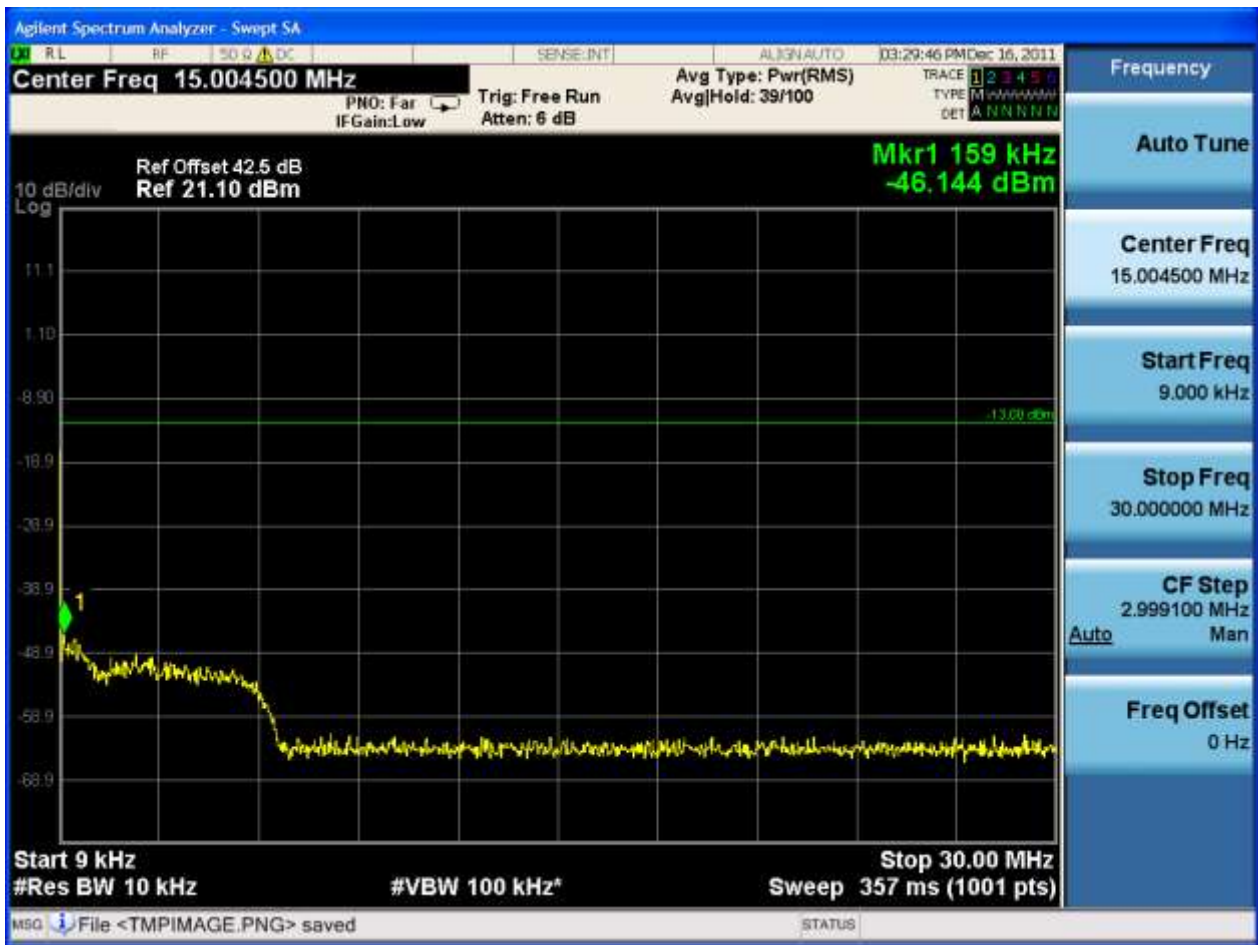


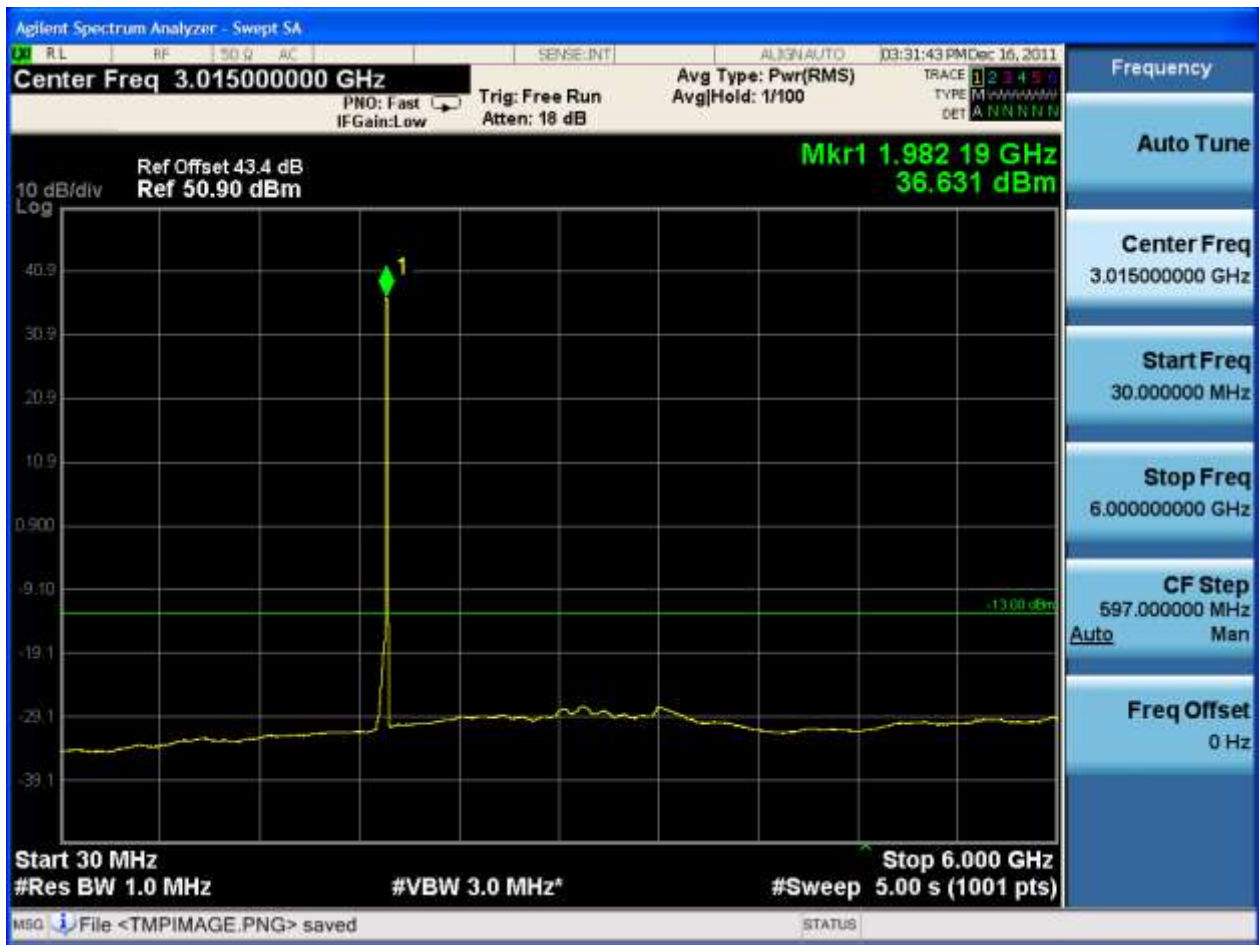






2.4.1.3 Ch. T



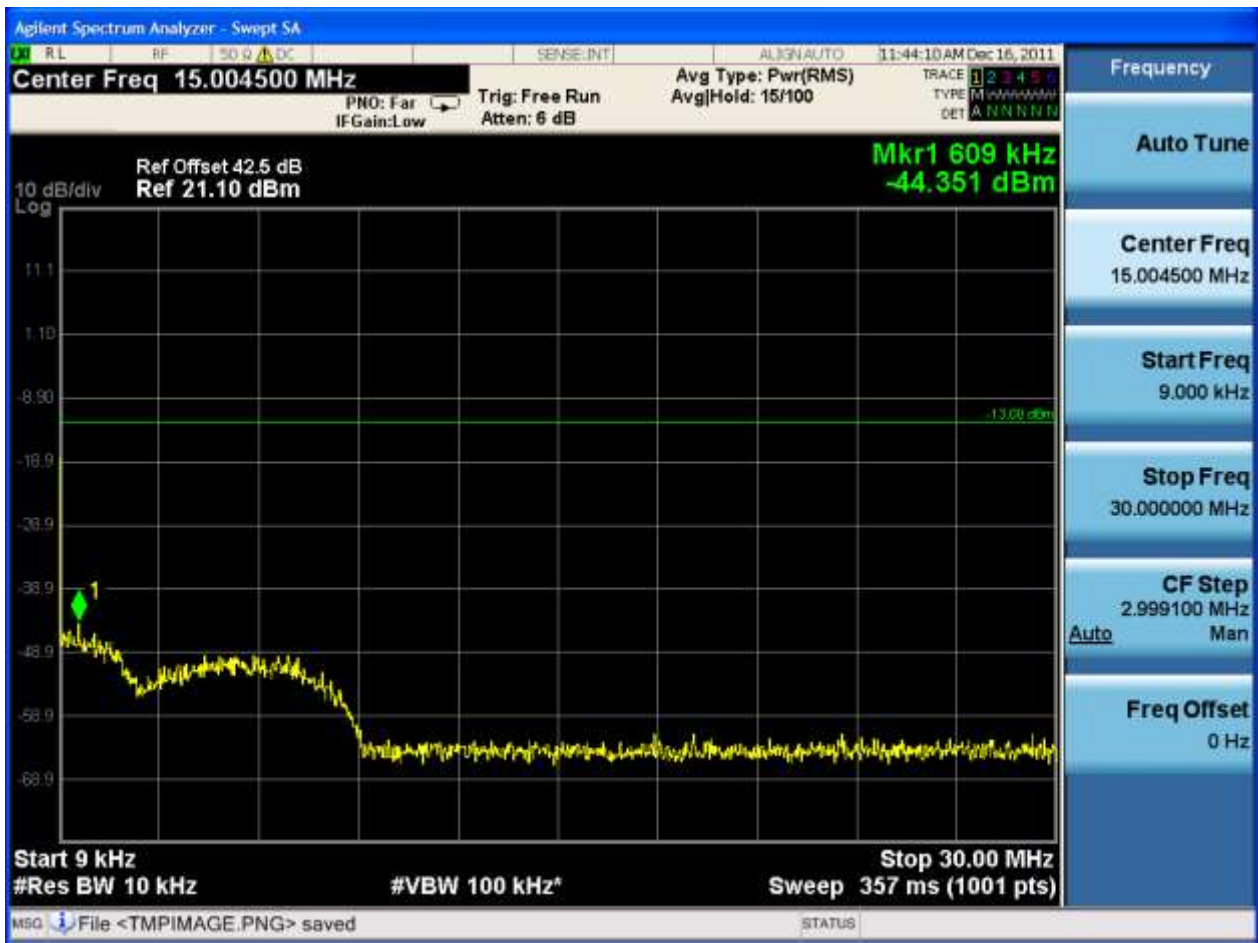






2.4.2 Carrier Conf. = 2C+1L_5M (2*20W+20W)

2.4.2.1 Ch. B









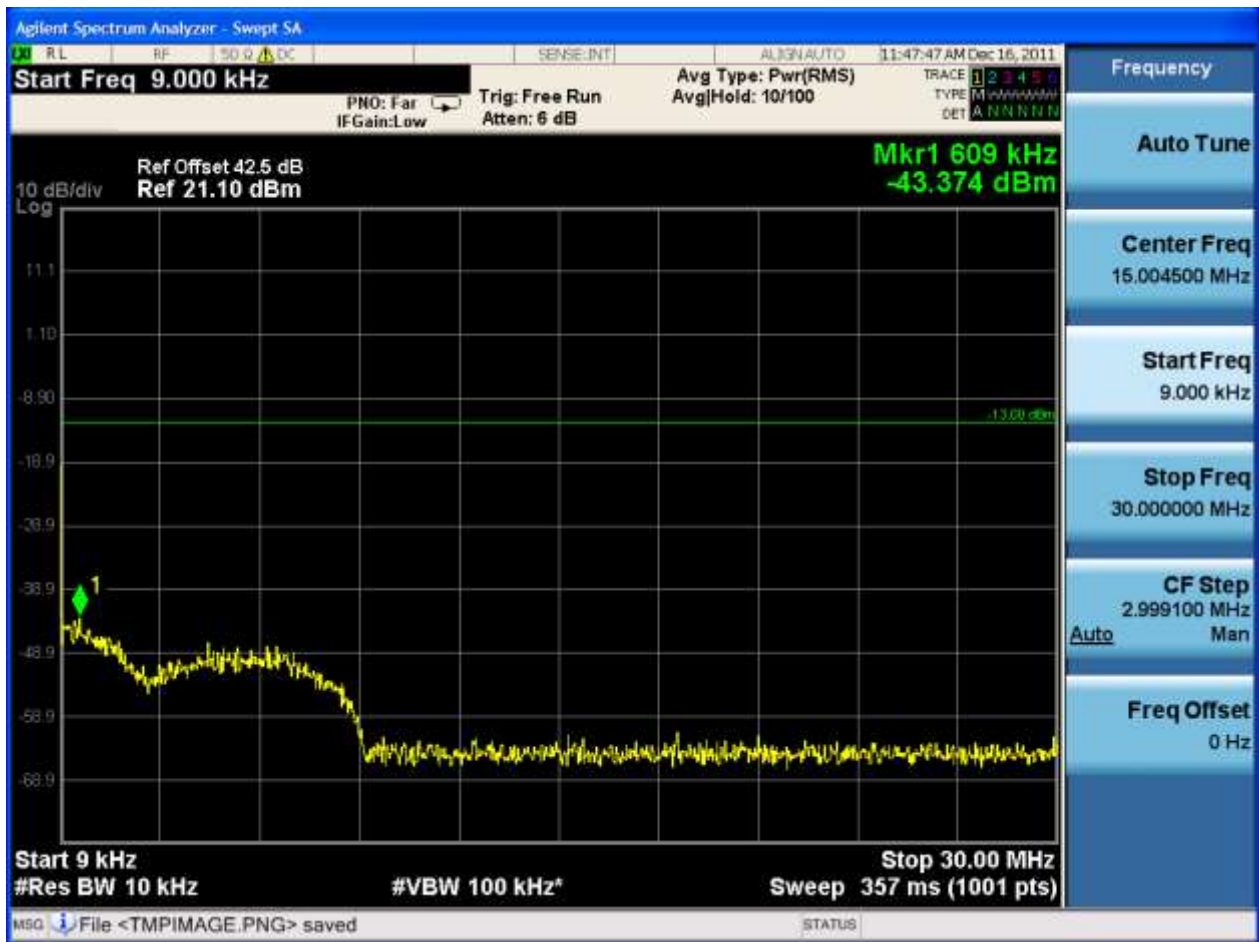
2.4.2.2 Ch. M







2.4.2.3 Ch. T









2.4.3 Carrier Conf. = 3C+1L_5M (3*15W+15W)

2.4.3.1 Ch. B









2.4.3.2 Ch. M



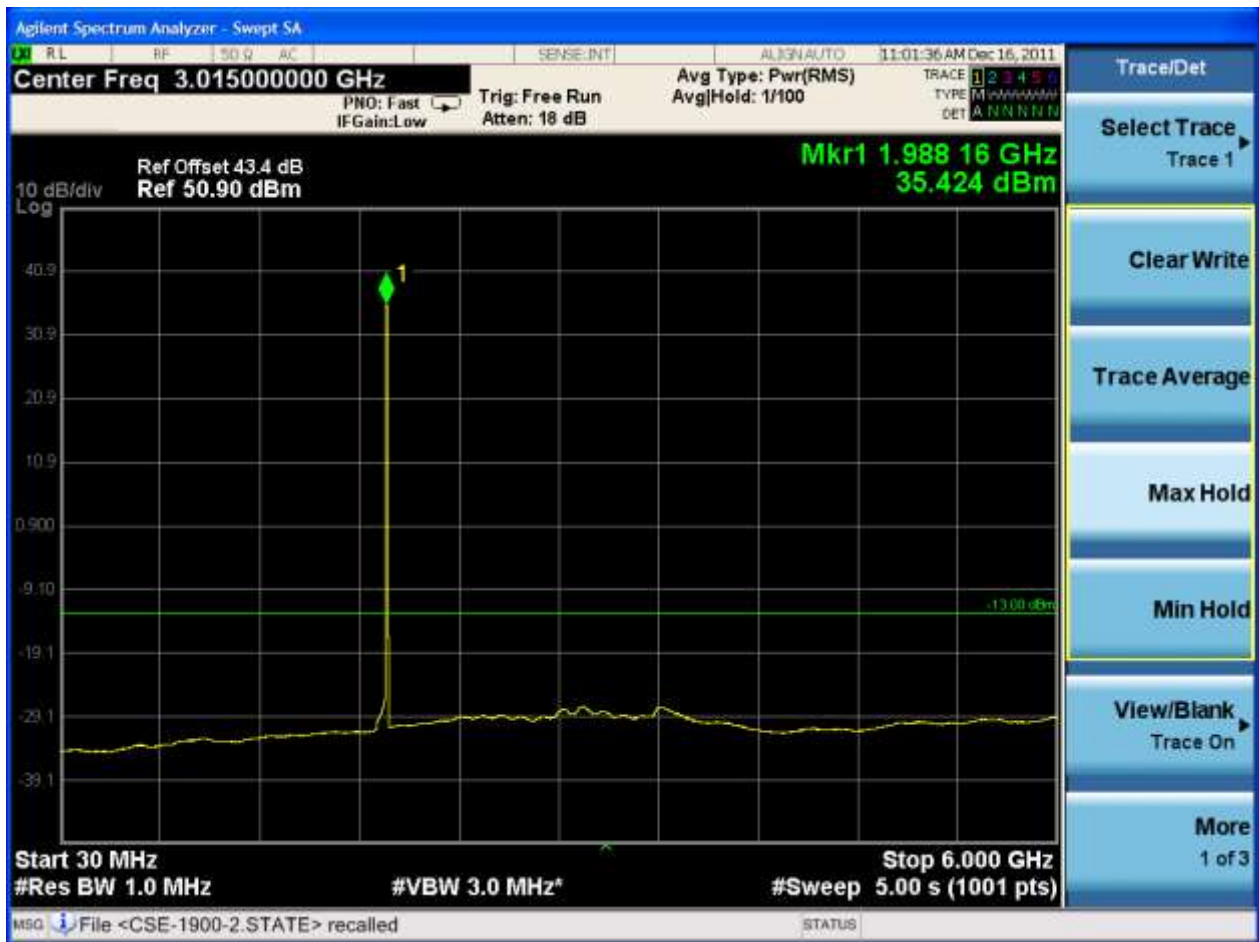






2.4.3.3 Ch. T









Appendix F: Field Strength of Spurious Radiation



1 Result Table

Test Mode	Carrier Conf.	RF Ch.	Field Strength of Spurious Radiation [dBm]	Verdict
CDMA	1(60W)	M	Below -13dBm	Pass
NOTE: An arbitrary test mode is selected as a representative since the un-modulation carrier configuration is required by the standards/rules.				



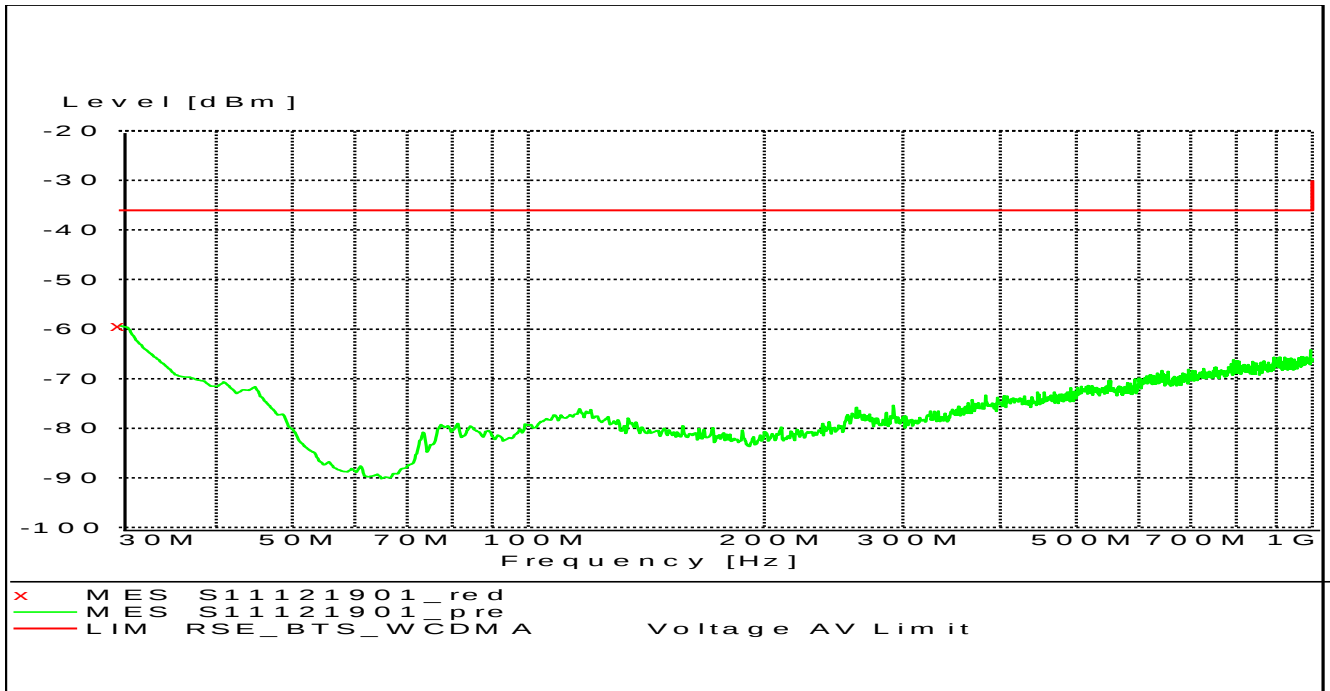
2 Test Plot

2.1 Test Mode =CDMA

2.1.1 Carrier Conf. = 1(60W)

2.1.1.1 Ch. M

Below 1GHz



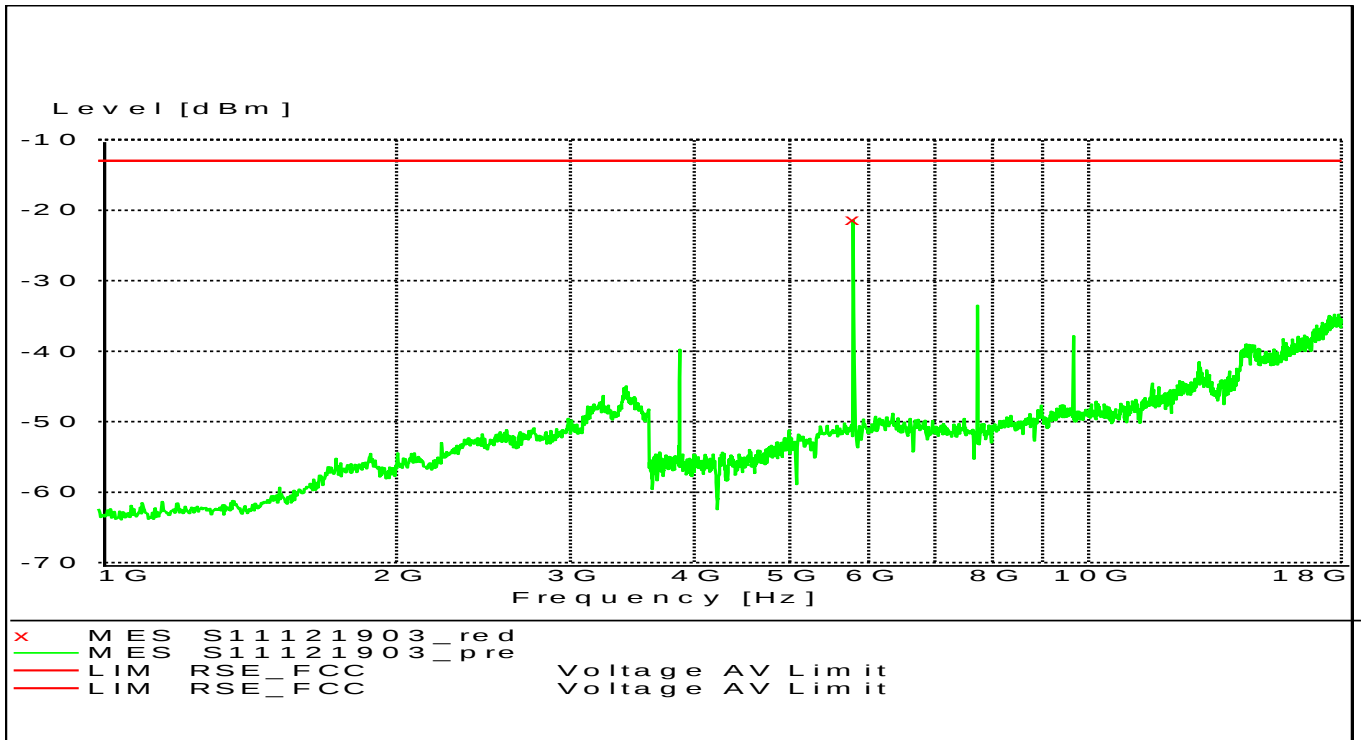
MEASUREMENT RESULT: "S11121901_red"

2011-12-19 16:22

Frequency	Level	Transd	Limit	Margin	Det.	Height	Azimuth	Polarization
MHz	dBm	dB	dBm	dB	dB	cm	deg	deg
30.000000	-59.30	-104.4	-36	23.3	---	100.0	180.00	HORIZONTAL



Above 1GHz



MEASUREMENT RESULT: "S11121903_red"

2011-12-19 17:00

Frequency	Level	Transd	Limit	Margin	Det.	Height	Azimuth	Polarization
MHz	dBm	dB	dBm	dBm	dB		cm	deg
5790.400000	-21.40	-87.3	-30	-8.6	---	100.0	180.00	HORIZONTAL



Appendix G: Frequency Stability



NOTE: An arbitrary test mode is selected as a representative since the un-modulation carrier configuration is required by the standards/rules.

1 Frequency Error vs. Temperature:

Test Mode	Carrier Conf.	RF Ch.	Volt.	Temp.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Freq. vs. 20 °C [ppm]	Verdict
QPSK	1	M	100%	-30 °C	-0.2	-0.0001	--	Pass
				-20 °C	-0.8	-0.0004	--	Pass
				-10 °C	-0.7	-0.0004	--	Pass
				0 °C	0.5	0.0003	--	Pass
				10 °C	0.7	0.0004	--	Pass
				20 °C	-1.1	-0.0006	--	Pass
				30 °C	0.8	0.0004	--	Pass
				40 °C	-0.9	-0.0005	--	Pass
				50 °C	1.3	-0.0007	--	Pass

2 Frequency Error vs. Voltage:

Test Mode	Carrier Conf.	RF Ch.	Temp.	Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Freq. vs. 20 °C [ppm]	Verdict
QPSK	1	M	20 °C	85 %	-0.9	-0.0005	--	Pass
				100 %	-0.7	-0.0004	--	Pass
				115 %	1.0	0.0005	--	Pass



Appendix H: Receiver Spurious Emissions (Conducted)



NOTE: The requirements are only applicable to IC requirements.

1 Result Table

Test Mode	Carrier Conf.	RF Ch.	Receiver Spurious Emissions (Conducted) [dBm]	Verdict
CDMA	1(60W)	M	Below -57dBm before 1 GHz Below -53dBm after 1 GHz	Pass
LTE	1(60W)	M	Below -57dBm before 1 GHz Below -53dBm after 1 GHz	Pass



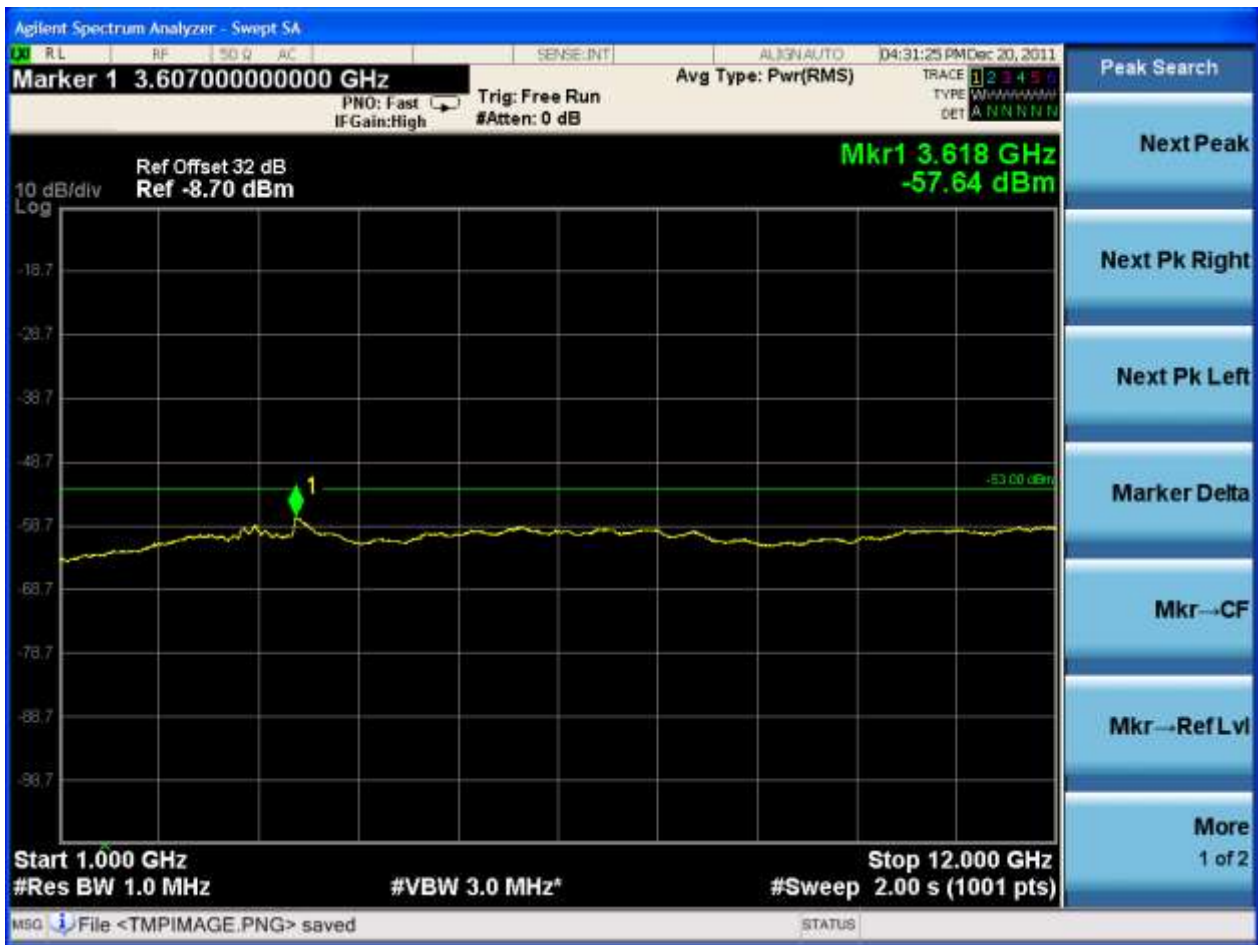
2 Test Plot

2.1 Test Mode = CDMA

2.1.1 Carrier Conf. = 1.25M (60W)

2.1.1.1 Ch. M







2.2 Test Mode = LTE

2.2.1 Carrier Conf. = 5M(60W)

2.2.1.1 Ch. M







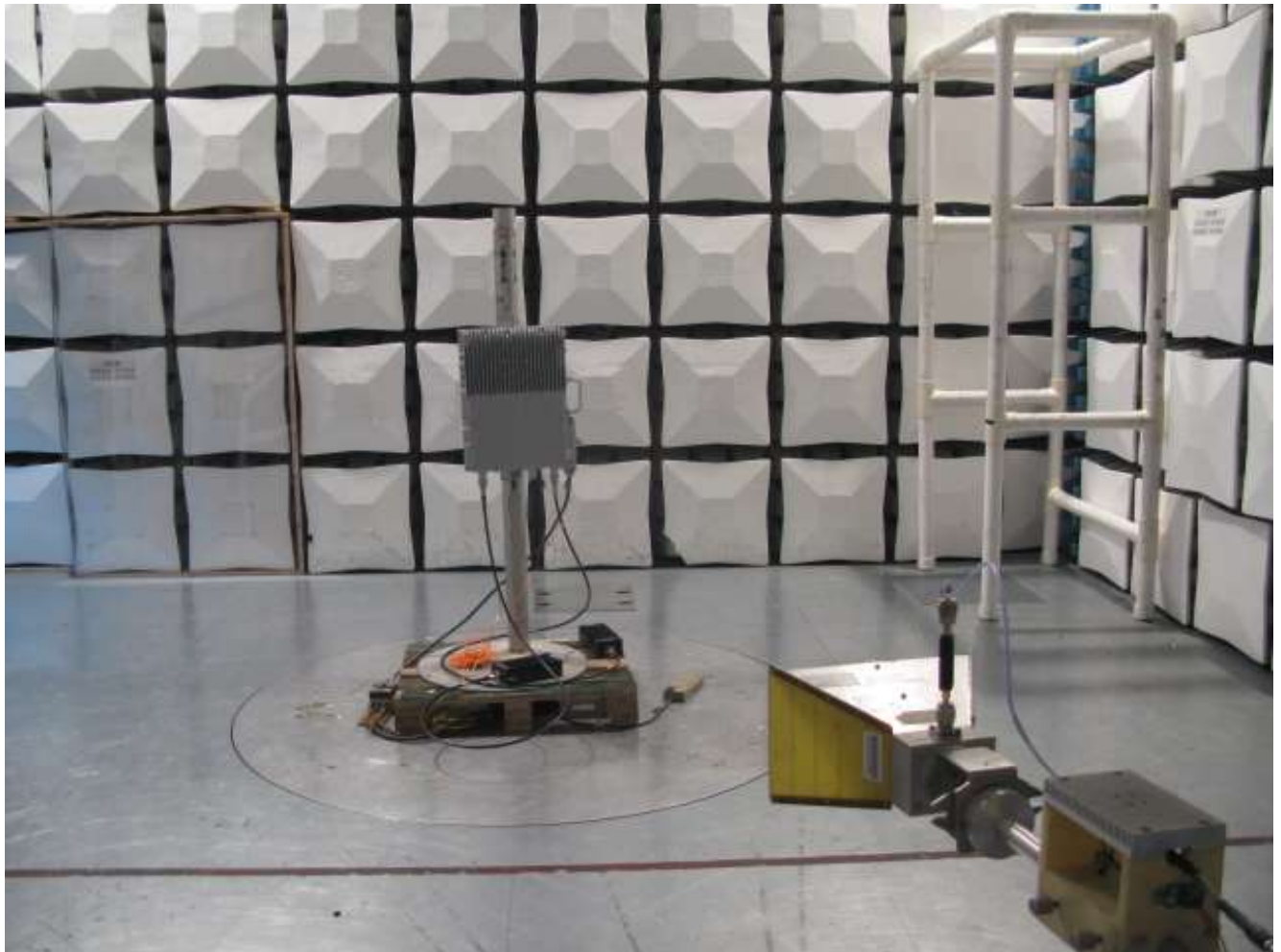
Appendix I: Photos of Test Setup

1 Test Setup 3

1.1 Frequency range below 1 GHz



1.2 Frequency range above 1 GHz



END