



Appendix for test report

1Appendix_A: Effective (Isotropic) Radiated Power Output Data

Part I - Test Results

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured [dBm]	ERP [dBm]	Limit [dBm]	Verdict
BAND5	LTE/TM1	1.4	LCH	RB1#0	22.68	18.33	38.5	PASS
				RB1#3	22.73	18.38	38.5	PASS
				RB1#5	22.71	18.36	38.5	PASS
				RB3#0	22.73	18.38	38.5	PASS
				RB3#2	22.79	18.44	38.5	PASS
				RB3#3	22.79	18.44	38.5	PASS
				RB6#0	21.7	17.35	38.5	PASS
			MCH	RB1#0	22.69	18.34	38.5	PASS
				RB1#3	22.76	18.41	38.5	PASS
				RB1#5	22.61	18.26	38.5	PASS
				RB3#0	22.75	18.4	38.5	PASS
				RB3#2	22.78	18.43	38.5	PASS
				RB3#3	22.66	18.31	38.5	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured [dBm]	ERP [dBm]	Limit [dBm]	Verdict
				RB6#0	21.72	17.37	38.5	PASS
			HCH	RB1#0	22.59	18.24	38.5	PASS
				RB1#3	22.6	18.25	38.5	PASS
				RB1#5	22.5	18.15	38.5	PASS
				RB3#0	22.61	18.26	38.5	PASS
				RB3#2	22.7	18.35	38.5	PASS
				RB3#3	22.51	18.16	38.5	PASS
				RB6#0	21.63	17.28	38.5	PASS
		3	LCH	RB1#0	22.82	18.47	38.5	PASS
				RB1#7	23.1	18.75	38.5	PASS
				RB1#14	22.94	18.59	38.5	PASS
				RB8#0	21.77	17.42	38.5	PASS
				RB8#4	21.79	17.44	38.5	PASS
				RB8#7	21.76	17.41	38.5	PASS
				RB15#0	21.89	17.54	38.5	PASS
			MCH	RB1#0	22.88	18.53	38.5	PASS
				RB1#7	23.01	18.66	38.5	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured [dBm]	ERP [dBm]	Limit [dBm]	Verdict
				RB1#14	22.93	18.58	38.5	PASS
				RB8#0	21.79	17.44	38.5	PASS
				RB8#4	21.75	17.4	38.5	PASS
				RB8#7	21.73	17.38	38.5	PASS
				RB15#0	21.78	17.43	38.5	PASS
			HCH	RB1#0	22.88	18.53	38.5	PASS
				RB1#7	22.82	18.47	38.5	PASS
				RB1#14	22.85	18.5	38.5	PASS
				RB8#0	21.74	17.39	38.5	PASS
				RB8#4	21.65	17.3	38.5	PASS
				RB8#7	21.54	17.19	38.5	PASS
				RB15#0	21.62	17.27	38.5	PASS
		5	LCH	RB1#0	22.81	18.46	38.5	PASS
				RB1#13	22.76	18.41	38.5	PASS
				RB1#24	22.79	18.44	38.5	PASS
				RB12#0	21.88	17.53	38.5	PASS
				RB12#6	21.82	17.47	38.5	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured [dBm]	ERP [dBm]	Limit [dBm]	Verdict
				RB12#13	21.73	17.38	38.5	PASS
				RB25#0	21.83	17.48	38.5	PASS
			MCH	RB1#0	22.83	18.48	38.5	PASS
				RB1#13	22.64	18.29	38.5	PASS
				RB1#24	22.58	18.23	38.5	PASS
				RB12#0	21.72	17.37	38.5	PASS
				RB12#6	21.74	17.39	38.5	PASS
				RB12#13	21.79	17.44	38.5	PASS
				RB25#0	21.76	17.41	38.5	PASS
			HCH	RB1#0	22.79	18.44	38.5	PASS
				RB1#13	22.64	18.29	38.5	PASS
				RB1#24	22.67	18.32	38.5	PASS
				RB12#0	21.78	17.43	38.5	PASS
				RB12#6	21.76	17.41	38.5	PASS
				RB12#13	21.71	17.36	38.5	PASS
				RB25#0	21.77	17.42	38.5	PASS
		10	LCH	RB1#0	22.96	18.61	38.5	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured [dBm]	ERP [dBm]	Limit [dBm]	Verdict
				RB1#25	22.99	18.64	38.5	PASS
				RB1#49	22.99	18.64	38.5	PASS
				RB25#0	21.85	17.5	38.5	PASS
				RB25#13	21.76	17.41	38.5	PASS
				RB25#25	21.75	17.4	38.5	PASS
				RB50#0	21.89	17.54	38.5	PASS
			MCH	RB1#0	22.97	18.62	38.5	PASS
				RB1#25	22.96	18.61	38.5	PASS
				RB1#49	23.09	18.74	38.5	PASS
				RB25#0	21.87	17.52	38.5	PASS
				RB25#13	21.79	17.44	38.5	PASS
				RB25#25	21.83	17.48	38.5	PASS
				RB50#0	21.83	17.48	38.5	PASS
			HCH	RB1#0	22.99	18.64	38.5	PASS
				RB1#25	22.97	18.62	38.5	PASS
				RB1#49	22.96	18.61	38.5	PASS
				RB25#0	21.77	17.42	38.5	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured [dBm]	ERP [dBm]	Limit [dBm]	Verdict
				RB25#13	21.67	17.32	38.5	PASS
				RB25#25	21.68	17.33	38.5	PASS
				RB50#0	21.7	17.35	38.5	PASS
	LTE/TM2	1.4	LCH	RB1#0	22.36	18.01	38.5	PASS
				RB1#3	22.46	18.11	38.5	PASS
				RB1#5	22.35	18	38.5	PASS
				RB3#0	21.97	17.62	38.5	PASS
				RB3#2	21.92	17.57	38.5	PASS
				RB3#3	21.54	17.19	38.5	PASS
				RB6#0	20.69	16.34	38.5	PASS
			MCH	RB1#0	21.81	17.46	38.5	PASS
				RB1#3	22.19	17.84	38.5	PASS
				RB1#5	22.04	17.69	38.5	PASS
				RB3#0	22.1	17.75	38.5	PASS
				RB3#2	22.12	17.77	38.5	PASS
				RB3#3	22.07	17.72	38.5	PASS
				RB6#0	20.62	16.27	38.5	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured [dBm]	ERP [dBm]	Limit [dBm]	Verdict
			HCH	RB1#0	22.1	17.75	38.5	PASS
				RB1#3	22.18	17.83	38.5	PASS
				RB1#5	22.19	17.84	38.5	PASS
				RB3#0	21.76	17.41	38.5	PASS
				RB3#2	21.8	17.45	38.5	PASS
				RB3#3	21.71	17.36	38.5	PASS
				RB6#0	20.59	16.24	38.5	PASS
		3	LCH	RB1#0	22.05	17.7	38.5	PASS
				RB1#7	21.85	17.5	38.5	PASS
				RB1#14	22.01	17.66	38.5	PASS
				RB8#0	20.71	16.36	38.5	PASS
				RB8#4	20.59	16.24	38.5	PASS
				RB8#7	20.57	16.22	38.5	PASS
				RB15#0	20.77	16.42	38.5	PASS
			MCH	RB1#0	22.01	17.66	38.5	PASS
				RB1#7	22.08	17.73	38.5	PASS
				RB1#14	21.93	17.58	38.5	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured [dBm]	ERP [dBm]	Limit [dBm]	Verdict
				RB8#0	20.62	16.27	38.5	PASS
				RB8#4	20.47	16.12	38.5	PASS
				RB8#7	20.55	16.2	38.5	PASS
				RB15#0	20.63	16.28	38.5	PASS
			HCH	RB1#0	21.96	17.61	38.5	PASS
				RB1#7	21.97	17.62	38.5	PASS
				RB1#14	21.78	17.43	38.5	PASS
				RB8#0	20.79	16.44	38.5	PASS
				RB8#4	20.71	16.36	38.5	PASS
				RB8#7	20.5	16.15	38.5	PASS
				RB15#0	20.6	16.25	38.5	PASS
		5	LCH	RB1#0	21.88	17.53	38.5	PASS
				RB1#13	21.46	17.11	38.5	PASS
				RB1#24	21.49	17.14	38.5	PASS
				RB12#0	20.62	16.27	38.5	PASS
				RB12#6	20.68	16.33	38.5	PASS
				RB12#13	20.56	16.21	38.5	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured [dBm]	ERP [dBm]	Limit [dBm]	Verdict
				RB25#0	20.83	16.48	38.5	PASS
			MCH	RB1#0	21.71	17.36	38.5	PASS
				RB1#13	21.29	16.94	38.5	PASS
				RB1#24	21.68	17.33	38.5	PASS
				RB12#0	20.55	16.2	38.5	PASS
				RB12#6	20.82	16.47	38.5	PASS
				RB12#13	20.75	16.4	38.5	PASS
				RB25#0	20.88	16.53	38.5	PASS
			HCH	RB1#0	21.75	17.4	38.5	PASS
				RB1#13	21.38	17.03	38.5	PASS
				RB1#24	21.49	17.14	38.5	PASS
				RB12#0	20.6	16.25	38.5	PASS
				RB12#6	20.83	16.48	38.5	PASS
				RB12#13	20.77	16.42	38.5	PASS
				RB25#0	20.65	16.3	38.5	PASS
		10	LCH	RB1#0	22.09	17.74	38.5	PASS
				RB1#25	22.21	17.86	38.5	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured [dBm]	ERP [dBm]	Limit [dBm]	Verdict
				RB1#49	22.06	17.71	38.5	PASS
				RB25#0	21.05	16.7	38.5	PASS
				RB25#13	20.85	16.5	38.5	PASS
				RB25#25	20.75	16.4	38.5	PASS
				RB50#0	20.92	16.57	38.5	PASS
			MCH	RB1#0	22.06	17.71	38.5	PASS
				RB1#25	22.13	17.78	38.5	PASS
				RB1#49	21.89	17.54	38.5	PASS
				RB25#0	20.63	16.28	38.5	PASS
				RB25#13	20.71	16.36	38.5	PASS
				RB25#25	20.64	16.29	38.5	PASS
				RB50#0	20.66	16.31	38.5	PASS
			HCH	RB1#0	21.91	17.56	38.5	PASS
				RB1#25	21.97	17.62	38.5	PASS
				RB1#49	21.77	17.42	38.5	PASS
				RB25#0	20.69	16.34	38.5	PASS
				RB25#13	20.5	16.15	38.5	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured [dBm]	ERP [dBm]	Limit [dBm]	Verdict
				RB25#25	20.5	16.15	38.5	PASS
				RB50#0	20.54	16.19	38.5	PASS
BAND12	LTE/TM1	1.4	LCH	RB1#0	22.55	16.5	34.7	PASS
				RB1#3	22.54	16.49	34.7	PASS
				RB1#5	22.49	16.44	34.7	PASS
				RB3#0	22.39	16.34	34.7	PASS
				RB3#2	22.33	16.28	34.7	PASS
				RB3#3	22.52	16.47	34.7	PASS
				RB6#0	21.37	15.32	34.7	PASS
			MCH	RB1#0	22.68	16.63	34.7	PASS
				RB1#3	22.77	16.72	34.7	PASS
				RB1#5	22.65	16.6	34.7	PASS
				RB3#0	22.62	16.57	34.7	PASS
				RB3#2	22.69	16.64	34.7	PASS
				RB3#3	22.73	16.68	34.7	PASS
				RB6#0	21.64	15.59	34.7	PASS
			HCH	RB1#0	22.53	16.48	34.7	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured [dBm]	ERP [dBm]	Limit [dBm]	Verdict
				RB1#3	22.69	16.64	34.7	PASS
				RB1#5	22.66	16.61	34.7	PASS
				RB3#0	22.57	16.52	34.7	PASS
				RB3#2	22.61	16.56	34.7	PASS
				RB3#3	22.64	16.59	34.7	PASS
				RB6#0	21.52	15.47	34.7	PASS
		3	LCH	RB1#0	22.63	16.58	34.7	PASS
				RB1#7	22.85	16.8	34.7	PASS
				RB1#14	23	16.95	34.7	PASS
				RB8#0	21.41	15.36	34.7	PASS
				RB8#4	21.53	15.48	34.7	PASS
				RB8#7	21.6	15.55	34.7	PASS
				RB15#0	21.53	15.48	34.7	PASS
			MCH	RB1#0	22.79	16.74	34.7	PASS
				RB1#7	23.03	16.98	34.7	PASS
				RB1#14	22.82	16.77	34.7	PASS
				RB8#0	21.58	15.53	34.7	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured [dBm]	ERP [dBm]	Limit [dBm]	Verdict
				RB8#4	21.67	15.62	34.7	PASS
				RB8#7	21.74	15.69	34.7	PASS
				RB15#0	21.66	15.61	34.7	PASS
			HCH	RB1#0	22.75	16.7	34.7	PASS
				RB1#7	23	16.95	34.7	PASS
				RB1#14	22.9	16.85	34.7	PASS
				RB8#0	21.61	15.56	34.7	PASS
				RB8#4	21.66	15.61	34.7	PASS
				RB8#7	21.71	15.66	34.7	PASS
				RB15#0	21.68	15.63	34.7	PASS
		5	LCH	RB1#0	22.6	16.55	34.7	PASS
				RB1#13	22.67	16.62	34.7	PASS
				RB1#24	22.69	16.64	34.7	PASS
				RB12#0	21.58	15.53	34.7	PASS
				RB12#6	21.62	15.57	34.7	PASS
				RB12#13	21.57	15.52	34.7	PASS
				RB25#0	21.58	15.53	34.7	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured [dBm]	ERP [dBm]	Limit [dBm]	Verdict
			MCH	RB1#0	22.63	16.58	34.7	PASS
				RB1#13	22.77	16.72	34.7	PASS
				RB1#24	22.68	16.63	34.7	PASS
				RB12#0	21.64	15.59	34.7	PASS
				RB12#6	21.66	15.61	34.7	PASS
				RB12#13	21.66	15.61	34.7	PASS
				RB25#0	21.7	15.65	34.7	PASS
			HCH	RB1#0	22.7	16.65	34.7	PASS
				RB1#13	22.78	16.73	34.7	PASS
				RB1#24	22.52	16.47	34.7	PASS
				RB12#0	21.67	15.62	34.7	PASS
				RB12#6	21.5	15.45	34.7	PASS
				RB12#13	21.64	15.59	34.7	PASS
				RB25#0	21.65	15.6	34.7	PASS
		10	LCH	RB1#0	22.61	16.56	34.7	PASS
				RB1#25	22.81	16.76	34.7	PASS
				RB1#49	22.99	16.94	34.7	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured [dBm]	ERP [dBm]	Limit [dBm]	Verdict
				RB25#0	21.5	15.45	34.7	PASS
				RB25#13	21.53	15.48	34.7	PASS
				RB25#25	21.76	15.71	34.7	PASS
				RB50#0	21.59	15.54	34.7	PASS
			MCH	RB1#0	22.87	16.82	34.7	PASS
				RB1#25	23	16.95	34.7	PASS
				RB1#49	22.82	16.77	34.7	PASS
				RB25#0	21.66	15.61	34.7	PASS
				RB25#13	21.75	15.7	34.7	PASS
				RB25#25	21.55	15.5	34.7	PASS
				RB50#0	21.56	15.51	34.7	PASS
			HCH	RB1#0	23.15	17.1	34.7	PASS
				RB1#25	23.16	17.11	34.7	PASS
				RB1#49	22.95	16.9	34.7	PASS
				RB25#0	21.75	15.7	34.7	PASS
				RB25#13	21.68	15.63	34.7	PASS
				RB25#25	21.58	15.53	34.7	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured [dBm]	ERP [dBm]	Limit [dBm]	Verdict
	LTE/TM2	1.4		RB50#0	21.66	15.61	34.7	PASS
				RB1#0	22.13	16.08	34.7	PASS
				RB1#3	22.08	16.03	34.7	PASS
				RB1#5	21.96	15.91	34.7	PASS
				RB3#0	21.48	15.43	34.7	PASS
				RB3#2	21.7	15.65	34.7	PASS
				RB3#3	21.48	15.43	34.7	PASS
				RB6#0	20.52	14.47	34.7	PASS
				RB1#0	22.13	16.08	34.7	PASS
				RB1#3	22.37	16.32	34.7	PASS
				RB1#5	22.21	16.16	34.7	PASS
				RB3#0	21.68	15.63	34.7	PASS
				RB3#2	21.77	15.72	34.7	PASS
				RB3#3	21.7	15.65	34.7	PASS
				RB6#0	20.59	14.54	34.7	PASS
				RB1#0	21.89	15.84	34.7	PASS
				RB1#3	21.99	15.94	34.7	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured [dBm]	ERP [dBm]	Limit [dBm]	Verdict
				RB1#5	21.94	15.89	34.7	PASS
				RB3#0	21.99	15.94	34.7	PASS
				RB3#2	21.73	15.68	34.7	PASS
				RB3#3	21.56	15.51	34.7	PASS
				RB6#0	20.51	14.46	34.7	PASS
		3	LCH	RB1#0	21.75	15.7	34.7	PASS
				RB1#7	21.93	15.88	34.7	PASS
				RB1#14	21.88	15.83	34.7	PASS
				RB8#0	20.57	14.52	34.7	PASS
				RB8#4	20.68	14.63	34.7	PASS
				RB8#7	20.75	14.7	34.7	PASS
				RB15#0	20.61	14.56	34.7	PASS
			MCH	RB1#0	21.8	15.75	34.7	PASS
				RB1#7	21.97	15.92	34.7	PASS
				RB1#14	21.82	15.77	34.7	PASS
				RB8#0	20.65	14.6	34.7	PASS
				RB8#4	20.65	14.6	34.7	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured [dBm]	ERP [dBm]	Limit [dBm]	Verdict
				RB8#7	20.71	14.66	34.7	PASS
				RB15#0	20.58	14.53	34.7	PASS
			HCH	RB1#0	21.71	15.66	34.7	PASS
				RB1#7	21.97	15.92	34.7	PASS
				RB1#14	21.76	15.71	34.7	PASS
				RB8#0	20.7	14.65	34.7	PASS
				RB8#4	20.86	14.81	34.7	PASS
				RB8#7	20.9	14.85	34.7	PASS
				RB15#0	20.69	14.64	34.7	PASS
		5	LCH	RB1#0	21.32	15.27	34.7	PASS
				RB1#13	21.07	15.02	34.7	PASS
				RB1#24	21.39	15.34	34.7	PASS
				RB12#0	20.37	14.32	34.7	PASS
				RB12#6	20.61	14.56	34.7	PASS
				RB12#13	20.78	14.73	34.7	PASS
				RB25#0	20.6	14.55	34.7	PASS
			MCH	RB1#0	21.45	15.4	34.7	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured [dBm]	ERP [dBm]	Limit [dBm]	Verdict
				RB1#13	21.53	15.48	34.7	PASS
				RB1#24	21.55	15.5	34.7	PASS
				RB12#0	20.47	14.42	34.7	PASS
				RB12#6	20.44	14.39	34.7	PASS
				RB12#13	20.91	14.86	34.7	PASS
				RB25#0	20.76	14.71	34.7	PASS
			HCH	RB1#0	21.46	15.41	34.7	PASS
				RB1#13	21.15	15.1	34.7	PASS
				RB1#24	21.43	15.38	34.7	PASS
				RB12#0	20.39	14.34	34.7	PASS
				RB12#6	20.41	14.36	34.7	PASS
				RB12#13	20.59	14.54	34.7	PASS
				RB25#0	20.67	14.62	34.7	PASS
		10	LCH	RB1#0	21.51	15.46	34.7	PASS
				RB1#25	21.87	15.82	34.7	PASS
				RB1#49	21.82	15.77	34.7	PASS
				RB25#0	20.39	14.34	34.7	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured [dBm]	ERP [dBm]	Limit [dBm]	Verdict
				RB25#13	20.32	14.27	34.7	PASS
				RB25#25	20.75	14.7	34.7	PASS
				RB50#0	20.61	14.56	34.7	PASS
			MCH	RB1#0	22.06	16.01	34.7	PASS
				RB1#25	22.07	16.02	34.7	PASS
				RB1#49	21.33	15.28	34.7	PASS
				RB25#0	20.66	14.61	34.7	PASS
				RB25#13	20.64	14.59	34.7	PASS
				RB25#25	20.76	14.71	34.7	PASS
				RB50#0	20.47	14.42	34.7	PASS
			HCH	RB1#0	21.96	15.91	34.7	PASS
				RB1#25	21.91	15.86	34.7	PASS
				RB1#49	21.79	15.74	34.7	PASS
				RB25#0	20.64	14.59	34.7	PASS
				RB25#13	20.69	14.64	34.7	PASS
				RB25#25	20.6	14.55	34.7	PASS
				RB50#0	20.69	14.64	34.7	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured [dBm]	ERP [dBm]	Limit [dBm]	Verdict
BAND17	LTE/TM1	5	LCH	RB1#0	22.82	16.77	34.7	PASS
				RB1#13	22.77	16.72	34.7	PASS
				RB1#24	22.86	16.81	34.7	PASS
				RB12#0	21.94	15.89	34.7	PASS
				RB12#6	21.81	15.76	34.7	PASS
				RB12#13	21.93	15.88	34.7	PASS
				RB25#0	21.8	15.75	34.7	PASS
			MCH	RB1#0	23.12	17.07	34.7	PASS
				RB1#13	22.71	16.66	34.7	PASS
				RB1#24	22.99	16.94	34.7	PASS
				RB12#0	21.85	15.8	34.7	PASS
				RB12#6	21.78	15.73	34.7	PASS
				RB12#13	21.82	15.77	34.7	PASS
				RB25#0	21.86	15.81	34.7	PASS
			HCH	RB1#0	22.9	16.85	34.7	PASS
				RB1#13	22.78	16.73	34.7	PASS
				RB1#24	22.72	16.67	34.7	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured [dBm]	ERP [dBm]	Limit [dBm]	Verdict
				RB12#0	21.73	15.68	34.7	PASS
				RB12#6	21.62	15.57	34.7	PASS
				RB12#13	21.71	15.66	34.7	PASS
				RB25#0	21.74	15.69	34.7	PASS
		10	LCH	RB1#0	23.02	16.97	34.7	PASS
				RB1#25	23.21	17.16	34.7	PASS
				RB1#49	22.98	16.93	34.7	PASS
				RB25#0	21.83	15.78	34.7	PASS
				RB25#13	21.88	15.83	34.7	PASS
				RB25#25	21.81	15.76	34.7	PASS
				RB50#0	21.71	15.66	34.7	PASS
			MCH	RB1#0	23.05	17	34.7	PASS
				RB1#25	23.27	17.22	34.7	PASS
				RB1#49	23.1	17.05	34.7	PASS
				RB25#0	21.82	15.77	34.7	PASS
				RB25#13	21.8	15.75	34.7	PASS
				RB25#25	21.81	15.76	34.7	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured [dBm]	ERP [dBm]	Limit [dBm]	Verdict
				RB50#0	21.71	15.66	34.7	PASS
			HCH	RB1#0	23.09	17.04	34.7	PASS
				RB1#25	23.04	16.99	34.7	PASS
				RB1#49	23.02	16.97	34.7	PASS
				RB25#0	21.89	15.84	34.7	PASS
				RB25#13	21.82	15.77	34.7	PASS
				RB25#25	21.73	15.68	34.7	PASS
				RB50#0	21.71	15.66	34.7	PASS
	LTE/TM2	5	LCH	RB1#0	21.68	15.63	34.7	PASS
				RB1#13	21.32	15.27	34.7	PASS
				RB1#24	21.76	15.71	34.7	PASS
				RB12#0	20.56	14.51	34.7	PASS
				RB12#6	20.73	14.68	34.7	PASS
				RB12#13	20.84	14.79	34.7	PASS
				RB25#0	20.64	14.59	34.7	PASS
			MCH	RB1#0	21.79	15.74	34.7	PASS
				RB1#13	21.45	15.4	34.7	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured [dBm]	ERP [dBm]	Limit [dBm]	Verdict
				RB1#24	21.54	15.49	34.7	PASS
				RB12#0	20.54	14.49	34.7	PASS
				RB12#6	20.48	14.43	34.7	PASS
				RB12#13	20.53	14.48	34.7	PASS
				RB25#0	20.68	14.63	34.7	PASS
			HCH	RB1#0	21.62	15.57	34.7	PASS
				RB1#13	21.2	15.15	34.7	PASS
				RB1#24	21.5	15.45	34.7	PASS
				RB12#0	20.44	14.39	34.7	PASS
				RB12#6	20.44	14.39	34.7	PASS
				RB12#13	20.47	14.42	34.7	PASS
				RB25#0	20.69	14.64	34.7	PASS
		10	LCH	RB1#0	22.29	16.24	34.7	PASS
				RB1#25	22.31	16.26	34.7	PASS
				RB1#49	21.96	15.91	34.7	PASS
				RB25#0	20.8	14.75	34.7	PASS
				RB25#13	20.75	14.7	34.7	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured [dBm]	ERP [dBm]	Limit [dBm]	Verdict
				RB25#25	20.8	14.75	34.7	PASS
				RB50#0	20.61	14.56	34.7	PASS
			MCH	RB1#0	22.1	16.05	34.7	PASS
				RB1#25	22.19	16.14	34.7	PASS
				RB1#49	21.98	15.93	34.7	PASS
				RB25#0	20.79	14.74	34.7	PASS
				RB25#13	20.8	14.75	34.7	PASS
				RB25#25	20.83	14.78	34.7	PASS
				RB50#0	20.65	14.6	34.7	PASS
			HCH	RB1#0	21.69	15.64	34.7	PASS
				RB1#25	21.68	15.63	34.7	PASS
				RB1#49	21.55	15.5	34.7	PASS
				RB25#0	20.69	14.64	34.7	PASS
				RB25#13	20.64	14.59	34.7	PASS
				RB25#25	20.58	14.53	34.7	PASS
				RB50#0	20.66	14.61	34.7	PASS

Note1:

a, For getting the ERP (Efficient Radiated Power) or EIRP (Efficient Isotropic Radiated Power) in substitution method, the following formula should be taken to calculate it,



$ERP [dBm] = SGP [dBm] - Cable Loss [dB] + Gain [dBd]$

$EIRP [dBm] = SGP [dBm] - Cable Loss [dB] + Gain [dBi]$

b, SGP=Signal Generator Level

Note2: $RBW > emission\ bandwidth$, $VBW > 3 \times RBW$.

Detector: RMS

2Appendix_B: Peak-to-Average Ratio

Part I - Test Results

Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
BAND5	LTE/TM1	1.4	LCH	RB1#0	4.27	13	PASS
				RB1#3	4.25	13	PASS
				RB1#5	4.32	13	PASS
				RB3#0	4.65	13	PASS
				RB3#2	4.59	13	PASS
				RB3#3	4.68	13	PASS
				RB6#0	5.77	13	PASS
			MCH	RB1#0	4.49	13	PASS
				RB1#3	4.43	13	PASS
				RB1#5	4.51	13	PASS
				RB3#0	4.95	13	PASS
				RB3#2	4.89	13	PASS
				RB3#3	4.93	13	PASS
				RB6#0	5.74	13	PASS
			HCH	RB1#0	4.33	13	PASS
				RB1#3	4.29	13	PASS
				RB1#5	4.35	13	PASS
				RB3#0	4.72	13	PASS
				RB3#2	4.67	13	PASS
				RB3#3	4.73	13	PASS
			3	LCH	RB6#0	5.6	13
		RB1#0			4.44	13	PASS
		RB1#7			4.28	13	PASS
		RB1#14			4.26	13	PASS
		RB8#0			5.03	13	PASS
		RB8#4			4.95	13	PASS
		RB8#7			5.05	13	PASS
		RB15#0		5.15	13	PASS	
		MCH		RB1#0	4.69	13	PASS
			RB1#7	4.56	13	PASS	

Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
				RB1#14	4.63	13	PASS
				RB8#0	5.36	13	PASS
				RB8#4	5.28	13	PASS
				RB8#7	5.29	13	PASS
				RB15#0	5.94	13	PASS
			HCH	RB1#0	4.41	13	PASS
				RB1#7	4.38	13	PASS
				RB1#14	4.37	13	PASS
				RB8#0	5.14	13	PASS
				RB8#4	5.11	13	PASS
				RB8#7	5.18	13	PASS
				RB15#0	5.35	13	PASS
		5	LCH	RB1#0	4.32	13	PASS
				RB1#13	4.3	13	PASS
				RB1#24	4.39	13	PASS
				RB12#0	4.94	13	PASS
				RB12#6	4.89	13	PASS
				RB12#13	4.99	13	PASS
				RB25#0	5.38	13	PASS
			MCH	RB1#0	4.58	13	PASS
				RB1#13	4.53	13	PASS
				RB1#24	4.49	13	PASS
				RB12#0	5.15	13	PASS
				RB12#6	5.1	13	PASS
				RB12#13	5.15	13	PASS
				RB25#0	5.46	13	PASS
			HCH	RB1#0	4.36	13	PASS
				RB1#13	4.34	13	PASS
				RB1#24	4.39	13	PASS
				RB12#0	5.03	13	PASS
				RB12#6	4.94	13	PASS
				RB12#13	5.05	13	PASS
				RB25#0	5.32	13	PASS
		10	LCH	RB1#0	4.38	13	PASS
				RB1#25	4.39	13	PASS
				RB1#49	4.55	13	PASS
				RB25#0	5.01	13	PASS
				RB25#13	5.09	13	PASS
				RB25#25	5.15	13	PASS

Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
				RB50#0	6	13	PASS
			MCH	RB1#0	4.59	13	PASS
				RB1#25	4.63	13	PASS
				RB1#49	4.41	13	PASS
				RB25#0	5.22	13	PASS
				RB25#13	5.27	13	PASS
				RB25#25	5.12	13	PASS
				RB50#0	5.35	13	PASS
			HCH	RB1#0	4.54	13	PASS
				RB1#25	4.32	13	PASS
				RB1#49	4.41	13	PASS
				RB25#0	5.05	13	PASS
				RB25#13	5.1	13	PASS
				RB25#25	5.05	13	PASS
				RB50#0	5.33	13	PASS
	LTE/TM2	1.4	LCH	RB1#0	5.18	13	PASS
				RB1#3	5.09	13	PASS
				RB1#5	5.12	13	PASS
				RB3#0	5.5	13	PASS
				RB3#2	5.39	13	PASS
				RB3#3	5.48	13	PASS
				RB6#0	6.01	13	PASS
			MCH	RB1#0	5.49	13	PASS
				RB1#3	5.38	13	PASS
				RB1#5	5.44	13	PASS
				RB3#0	5.8	13	PASS
				RB3#2	5.7	13	PASS
				RB3#3	5.79	13	PASS
				RB6#0	6.17	13	PASS
			HCH	RB1#0	5.27	13	PASS
				RB1#3	5.06	13	PASS
				RB1#5	5.17	13	PASS
				RB3#0	5.5	13	PASS
				RB3#2	5.6	13	PASS
				RB3#3	5.61	13	PASS
				RB6#0	6.17	13	PASS
		3	LCH	RB1#0	5.13	13	PASS
				RB1#7	4.99	13	PASS
				RB1#14	5.19	13	PASS

Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
				RB8#0	5.83	13	PASS
				RB8#4	5.77	13	PASS
				RB8#7	5.86	13	PASS
				RB15#0	6.39	13	PASS
			MCH	RB1#0	5.43	13	PASS
				RB1#7	5.25	13	PASS
				RB1#14	5.42	13	PASS
				RB8#0	6	13	PASS
				RB8#4	5.91	13	PASS
				RB8#7	5.99	13	PASS
				RB15#0	6.57	13	PASS
			HCH	RB1#0	5.2	13	PASS
				RB1#7	5.07	13	PASS
				RB1#14	5.17	13	PASS
				RB8#0	5.87	13	PASS
				RB8#4	5.79	13	PASS
				RB8#7	5.84	13	PASS
				RB15#0	6.52	13	PASS
		5	LCH	RB1#0	5.29	13	PASS
				RB1#13	5.33	13	PASS
				RB1#24	5.4	13	PASS
				RB12#0	5.91	13	PASS
				RB12#6	5.79	13	PASS
				RB12#13	5.86	13	PASS
				RB25#0	6.33	13	PASS
			MCH	RB1#0	5.52	13	PASS
				RB1#13	5.51	13	PASS
				RB1#24	5.5	13	PASS
				RB12#0	6.11	13	PASS
				RB12#6	5.97	13	PASS
				RB12#13	6.06	13	PASS
				RB25#0	6.57	13	PASS
			HCH	RB1#0	5.29	13	PASS
				RB1#13	5.41	13	PASS
				RB1#24	5.43	13	PASS
				RB12#0	5.86	13	PASS
				RB12#6	5.89	13	PASS
				RB12#13	5.95	13	PASS
				RB25#0	6.22	13	PASS

Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
		10	LCH	RB1#0	5.47	13	PASS
				RB1#25	5.52	13	PASS
				RB1#49	5.66	13	PASS
				RB25#0	6.09	13	PASS
				RB25#13	5.96	13	PASS
				RB25#25	6.18	13	PASS
				RB50#0	6.98	13	PASS
			MCH	RB1#0	5.64	13	PASS
				RB1#25	5.73	13	PASS
				RB1#49	5.39	13	PASS
				RB25#0	6.29	13	PASS
				RB25#13	6.15	13	PASS
				RB25#25	6.21	13	PASS
				RB50#0	7.12	13	PASS
			HCH	RB1#0	5.49	13	PASS
				RB1#25	5.43	13	PASS
				RB1#49	5.5	13	PASS
				RB25#0	6.18	13	PASS
				RB25#13	6.07	13	PASS
				RB25#25	6.16	13	PASS
				RB50#0	6.21	13	PASS
BAND12	LTE/TM1	1.4	LCH	RB1#0	4.39	13	PASS
				RB1#3	4.36	13	PASS
				RB1#5	4.45	13	PASS
				RB3#0	4.87	13	PASS
				RB3#2	4.84	13	PASS
				RB3#3	4.89	13	PASS
				RB6#0	5.97	13	PASS
			MCH	RB1#0	4.45	13	PASS
				RB1#3	4.44	13	PASS
				RB1#5	4.45	13	PASS
				RB3#0	4.96	13	PASS
				RB3#2	4.87	13	PASS
				RB3#3	4.91	13	PASS
				RB6#0	5.72	13	PASS
			HCH	RB1#0	4.22	13	PASS
				RB1#3	4.01	13	PASS
				RB1#5	3.99	13	PASS
				RB3#0	4.65	13	PASS

Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
		3		RB3#2	4.45	13	PASS
				RB3#3	4.46	13	PASS
				RB6#0	5.82	13	PASS
			LCH	RB1#0	4.65	13	PASS
				RB1#7	4.55	13	PASS
				RB1#14	4.67	13	PASS
				RB8#0	5.33	13	PASS
				RB8#4	5.19	13	PASS
				RB8#7	5.35	13	PASS
				RB15#0	5.78	13	PASS
			MCH	RB1#0	4.74	13	PASS
				RB1#7	4.48	13	PASS
				RB1#14	4.37	13	PASS
				RB8#0	5.24	13	PASS
				RB8#4	5.09	13	PASS
				RB8#7	5.18	13	PASS
				RB15#0	5.4	13	PASS
			HCH	RB1#0	4.4	13	PASS
				RB1#7	4.36	13	PASS
				RB1#14	4.09	13	PASS
				RB8#0	5.28	13	PASS
				RB8#4	5.16	13	PASS
				RB8#7	5.23	13	PASS
				RB15#0	5.82	13	PASS
		5	LCH	RB1#0	4.51	13	PASS
				RB1#13	4.54	13	PASS
				RB1#24	4.72	13	PASS
				RB12#0	5.19	13	PASS
				RB12#6	5.15	13	PASS
				RB12#13	5.21	13	PASS
				RB25#0	5.5	13	PASS
			MCH	RB1#0	4.69	13	PASS
				RB1#13	4.49	13	PASS
				RB1#24	4.28	13	PASS
				RB12#0	5.21	13	PASS
				RB12#6	5.11	13	PASS
				RB12#13	5.11	13	PASS
				RB25#0	5.52	13	PASS
			HCH	RB1#0	4.31	13	PASS

Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
				RB1#13	4.32	13	PASS
				RB1#24	4.12	13	PASS
				RB12#0	5.06	13	PASS
				RB12#6	4.98	13	PASS
				RB12#13	4.97	13	PASS
				RB25#0	5.3	13	PASS
			LCH	RB1#0	4.56	13	PASS
				RB1#25	4.8	13	PASS
				RB1#49	4.37	13	PASS
				RB25#0	5.23	13	PASS
				RB25#13	5.47	13	PASS
				RB25#25	5.29	13	PASS
				RB50#0	5.7	13	PASS
			MCH	RB1#0	4.76	13	PASS
				RB1#25	4.51	13	PASS
				RB1#49	4.29	13	PASS
				RB25#0	5.29	13	PASS
				RB25#13	5.14	13	PASS
				RB25#25	5.08	13	PASS
				RB50#0	6.28	13	PASS
			HCH	RB1#0	4.58	13	PASS
				RB1#25	4.18	13	PASS
				RB1#49	4.12	13	PASS
				RB25#0	5.04	13	PASS
				RB25#13	5.02	13	PASS
				RB25#25	5.05	13	PASS
				RB50#0	6	13	PASS
	LTE/TM2	1.4	LCH	RB1#0	5.37	13	PASS
				RB1#3	5.34	13	PASS
				RB1#5	5.46	13	PASS
				RB3#0	5.73	13	PASS
				RB3#2	5.69	13	PASS
				RB3#3	5.74	13	PASS
				RB6#0	6.09	13	PASS
			MCH	RB1#0	5.46	13	PASS
				RB1#3	5.27	13	PASS
				RB1#5	5.32	13	PASS
				RB3#0	5.75	13	PASS
				RB3#2	5.71	13	PASS

Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
				RB3#3	5.66	13	PASS
				RB6#0	6.09	13	PASS
			HCH	RB1#0	5.21	13	PASS
				RB1#3	4.92	13	PASS
				RB1#5	4.89	13	PASS
				RB3#0	5.48	13	PASS
				RB3#2	5.25	13	PASS
				RB3#3	5.31	13	PASS
				RB6#0	6.19	13	PASS
		3	LCH	RB1#0	5.28	13	PASS
				RB1#7	5.22	13	PASS
				RB1#14	5.46	13	PASS
				RB8#0	6.08	13	PASS
				RB8#4	5.95	13	PASS
				RB8#7	6.05	13	PASS
				RB15#0	6.55	13	PASS
			MCH	RB1#0	5.49	13	PASS
				RB1#7	5.23	13	PASS
				RB1#14	5.28	13	PASS
				RB8#0	6.05	13	PASS
				RB8#4	5.95	13	PASS
				RB8#7	6.01	13	PASS
				RB15#0	6.64	13	PASS
			HCH	RB1#0	5.18	13	PASS
				RB1#7	5.1	13	PASS
				RB1#14	5.08	13	PASS
				RB8#0	5.96	13	PASS
				RB8#4	5.83	13	PASS
				RB8#7	5.88	13	PASS
				RB15#0	6.46	13	PASS
		5	LCH	RB1#0	5.51	13	PASS
				RB1#13	5.6	13	PASS
				RB1#24	5.74	13	PASS
				RB12#0	6	13	PASS
				RB12#6	6.04	13	PASS
				RB12#13	6.17	13	PASS
				RB25#0	6.57	13	PASS
			MCH	RB1#0	5.67	13	PASS
				RB1#13	5.52	13	PASS

Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
				RB1#24	5.35	13	PASS
				RB12#0	6.13	13	PASS
				RB12#6	5.98	13	PASS
				RB12#13	6.01	13	PASS
				RB25#0	6.56	13	PASS
			HCH	RB1#0	5.27	13	PASS
				RB1#13	5.41	13	PASS
				RB1#24	5.29	13	PASS
				RB12#0	5.94	13	PASS
				RB12#6	5.9	13	PASS
				RB12#13	5.92	13	PASS
				RB25#0	6.3	13	PASS
		10	LCH	RB1#0	5.61	13	PASS
				RB1#25	5.93	13	PASS
				RB1#49	5.42	13	PASS
				RB25#0	6.42	13	PASS
				RB25#13	6.42	13	PASS
				RB25#25	6.45	13	PASS
				RB50#0	6.88	13	PASS
			MCH	RB1#0	5.86	13	PASS
				RB1#25	5.57	13	PASS
				RB1#49	5.35	13	PASS
				RB25#0	6.39	13	PASS
				RB25#13	6.2	13	PASS
				RB25#25	6.17	13	PASS
				RB50#0	6.61	13	PASS
			HCH	RB1#0	5.68	13	PASS
				RB1#25	5.24	13	PASS
				RB1#49	5.2	13	PASS
				RB25#0	6.1	13	PASS
				RB25#13	5.92	13	PASS
				RB25#25	6.11	13	PASS
				RB50#0	7.05	13	PASS
BAND17	LTE/TM1	5	LCH	RB1#0	4.78	13	PASS
				RB1#13	4.64	13	PASS
				RB1#24	4.44	13	PASS
				RB12#0	5.33	13	PASS
				RB12#6	5.21	13	PASS
				RB12#13	5.22	13	PASS

Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
				RB25#0	5.54	13	PASS
			MCH	RB1#0	4.47	13	PASS
				RB1#13	4.26	13	PASS
				RB1#24	4.3	13	PASS
				RB12#0	5.08	13	PASS
				RB12#6	4.91	13	PASS
				RB12#13	5	13	PASS
				RB25#0	5.37	13	PASS
			HCH	RB1#0	4.36	13	PASS
				RB1#13	4.41	13	PASS
				RB1#24	4.18	13	PASS
				RB12#0	5.04	13	PASS
				RB12#6	5.03	13	PASS
				RB12#13	5.08	13	PASS
				RB25#0	5.39	13	PASS
		10	LCH	RB1#0	4.78	13	PASS
				RB1#25	4.29	13	PASS
				RB1#49	4.39	13	PASS
				RB25#0	5.18	13	PASS
				RB25#13	5.07	13	PASS
				RB25#25	5.07	13	PASS
				RB50#0	6.06	13	PASS
			MCH	RB1#0	4.73	13	PASS
				RB1#25	4.24	13	PASS
				RB1#49	4.43	13	PASS
				RB25#0	5.14	13	PASS
				RB25#13	5.02	13	PASS
				RB25#25	5.04	13	PASS
				RB50#0	5.93	13	PASS
			HCH	RB1#0	4.66	13	PASS
				RB1#25	4.31	13	PASS
				RB1#49	4.23	13	PASS
				RB25#0	5.07	13	PASS
				RB25#13	5.09	13	PASS
				RB25#25	5.12	13	PASS
				RB50#0	5.26	13	PASS
	LTE/TM2	5	LCH	RB1#0	5.73	13	PASS
				RB1#13	5.63	13	PASS
				RB1#24	5.44	13	PASS

Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
				RB12#0	6.13	13	PASS
				RB12#6	6.13	13	PASS
				RB12#13	6.1	13	PASS
				RB25#0	6.7	13	PASS
			MCH	RB1#0	5.43	13	PASS
				RB1#13	5.3	13	PASS
				RB1#24	5.36	13	PASS
				RB12#0	5.97	13	PASS
				RB12#6	5.86	13	PASS
				RB12#13	5.87	13	PASS
				RB25#0	6.46	13	PASS
			HCH	RB1#0	5.29	13	PASS
				RB1#13	5.45	13	PASS
				RB1#24	5.29	13	PASS
				RB12#0	5.91	13	PASS
				RB12#6	5.92	13	PASS
				RB12#13	5.98	13	PASS
				RB25#0	6.5	13	PASS
		10	LCH	RB1#0	5.87	13	PASS
				RB1#25	5.4	13	PASS
				RB1#49	5.43	13	PASS
				RB25#0	6.33	13	PASS
				RB25#13	6.02	13	PASS
				RB25#25	6.03	13	PASS
				RB50#0	7.05	13	PASS
			MCH	RB1#0	5.83	13	PASS
				RB1#25	5.3	13	PASS
				RB1#49	5.46	13	PASS
				RB25#0	6.27	13	PASS
				RB25#13	6.04	13	PASS
				RB25#25	6.12	13	PASS
				RB50#0	6.6	13	PASS
			HCH	RB1#0	5.76	13	PASS
				RB1#25	5.42	13	PASS
				RB1#49	5.4	13	PASS
				RB25#0	6.16	13	PASS
				RB25#13	6	13	PASS
				RB25#25	6.15	13	PASS
				RB50#0	6.99	13	PASS

3Appendix_C: Modulation Characteristics

Part I - Test Plots

3.1 For LTE

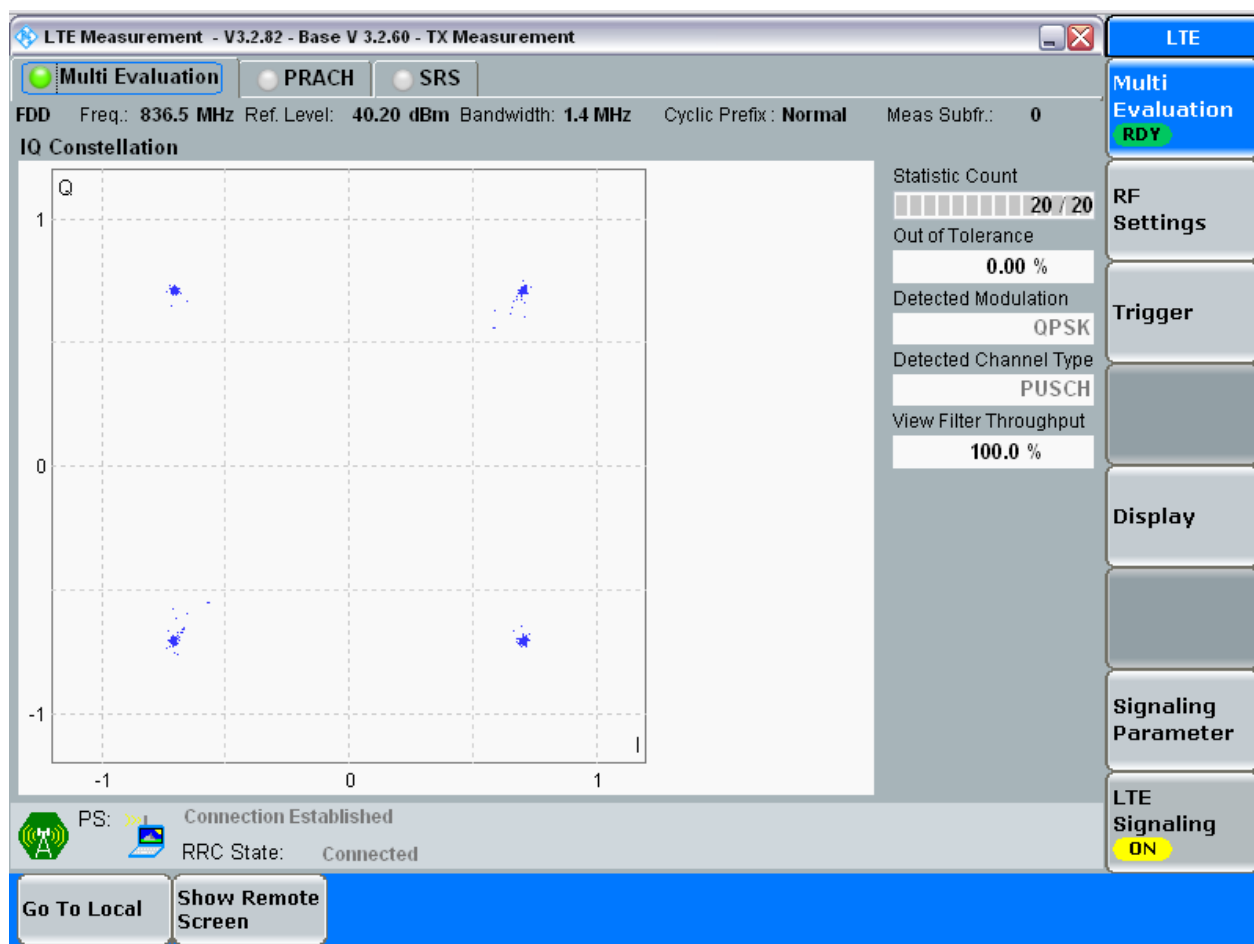
3.1.1 Test Band = BAND5

3.1.1.1 Test Mode = LTE/TM1

3.1.1.1.1 Test Bandwidth = 1.4

3.1.1.1.1.1 Test Channel = MCH

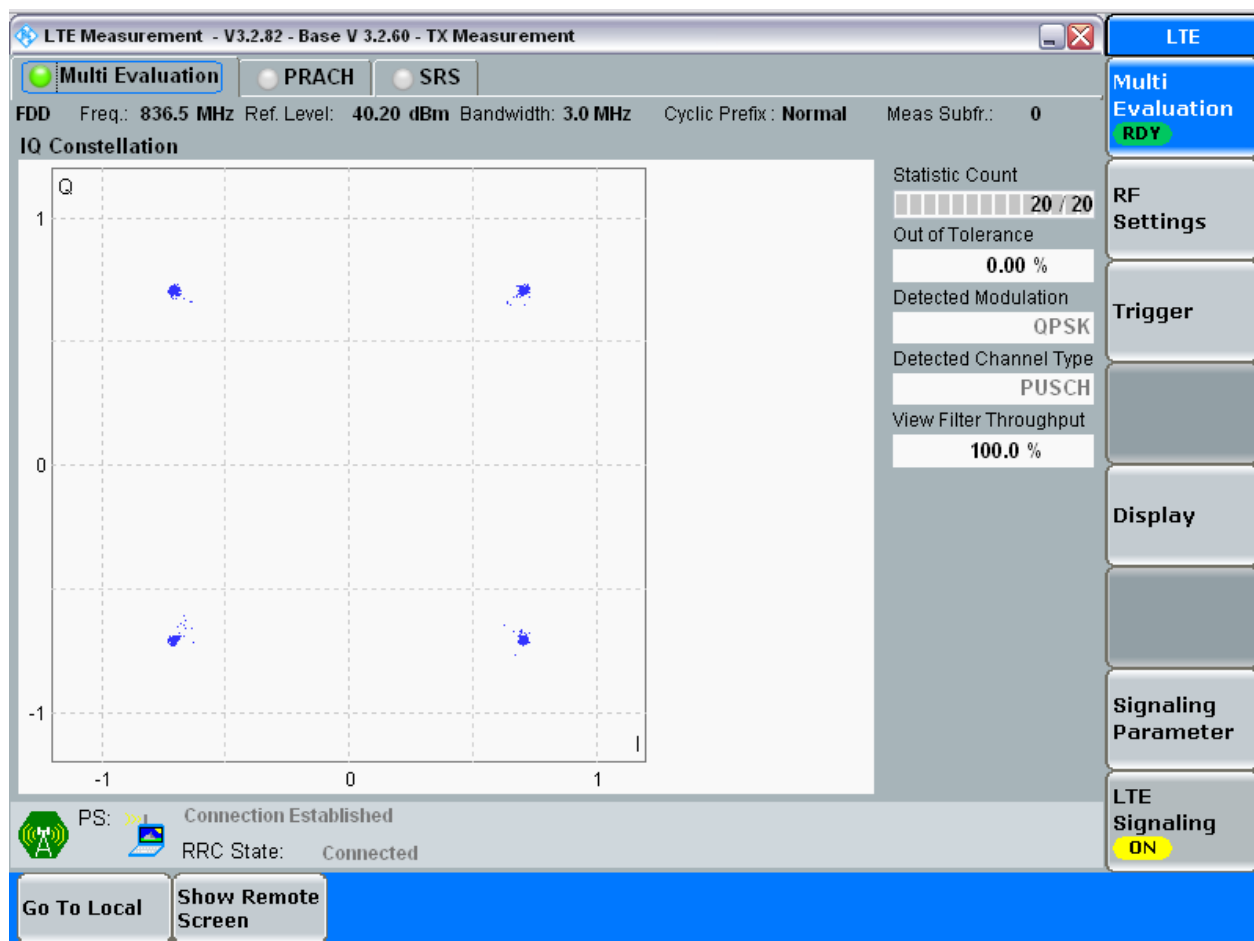
3.1.1.1.1.1.1 Test RB = RB6#0



3.1.1.1.2 Test Bandwidth = 3

3.1.1.1.2.1 Test Channel = MCH

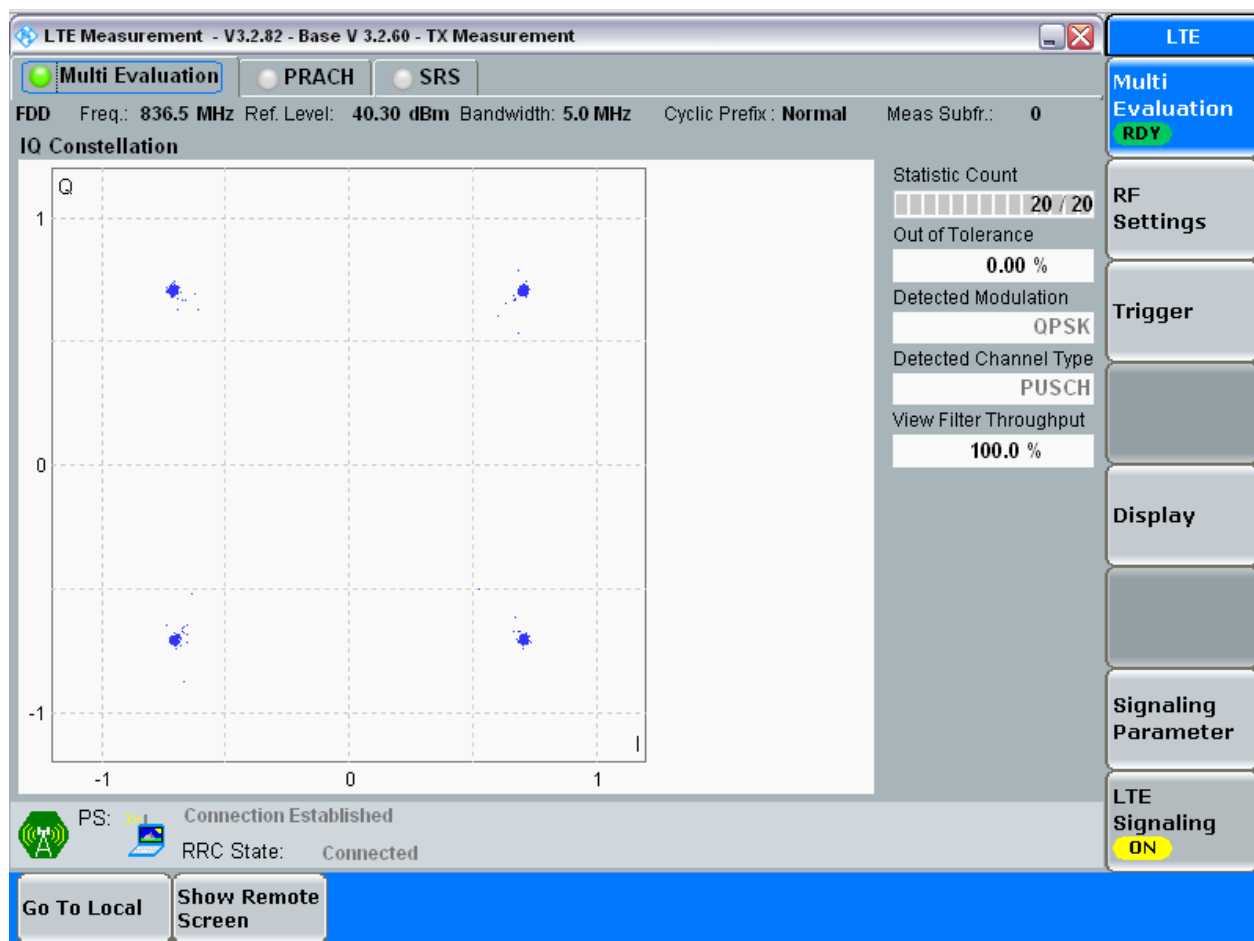
3.1.1.1.2.1.1 Test RB = RB15#0



3.1.1.1.3 Test Bandwidth = 5

3.1.1.1.3.1 Test Channel = MCH

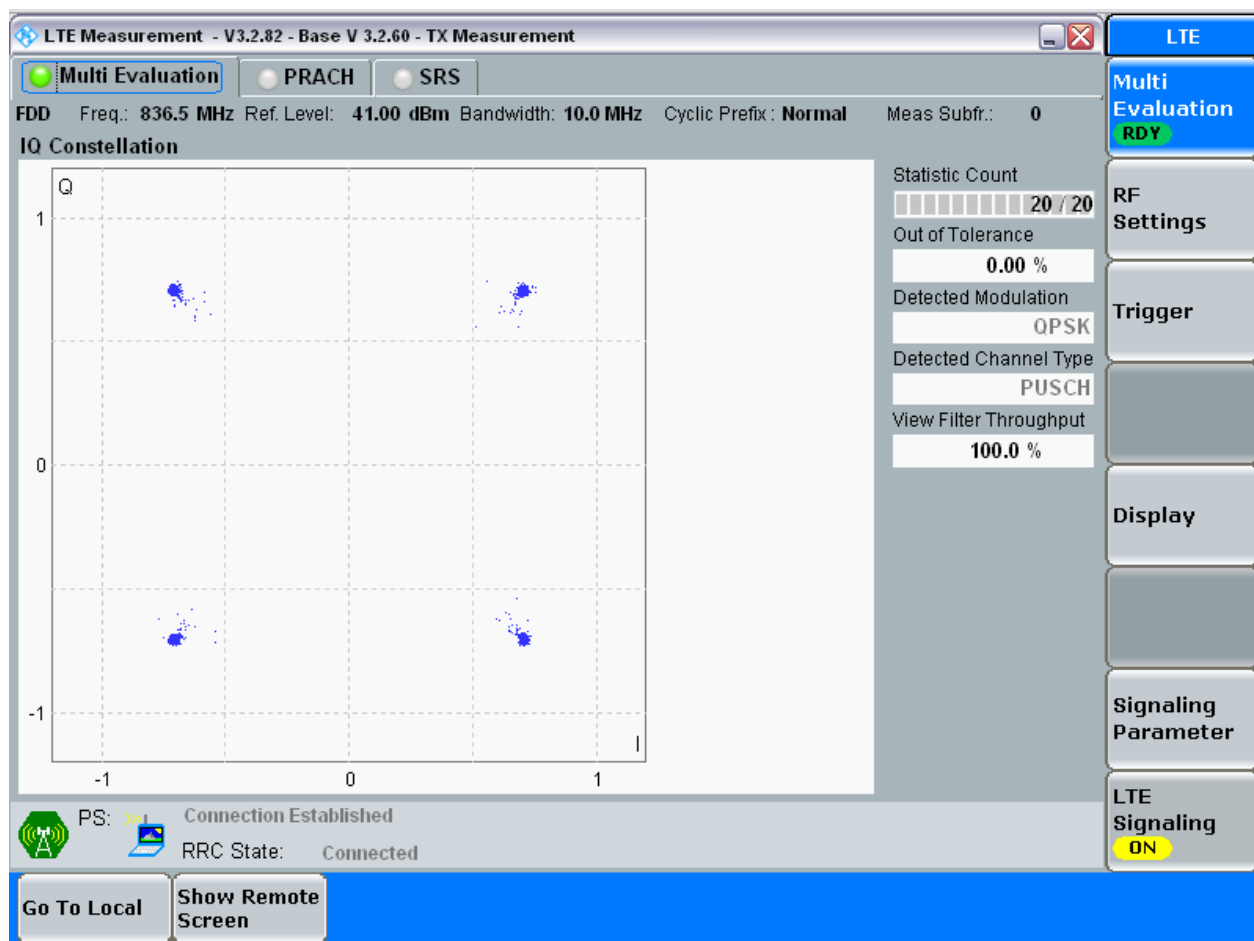
3.1.1.1.3.1.1 Test RB = RB25#0



3.1.1.1.4 Test Bandwidth = 10

3.1.1.1.4.1 Test Channel = MCH

3.1.1.1.4.1.1 Test RB = RB50#0

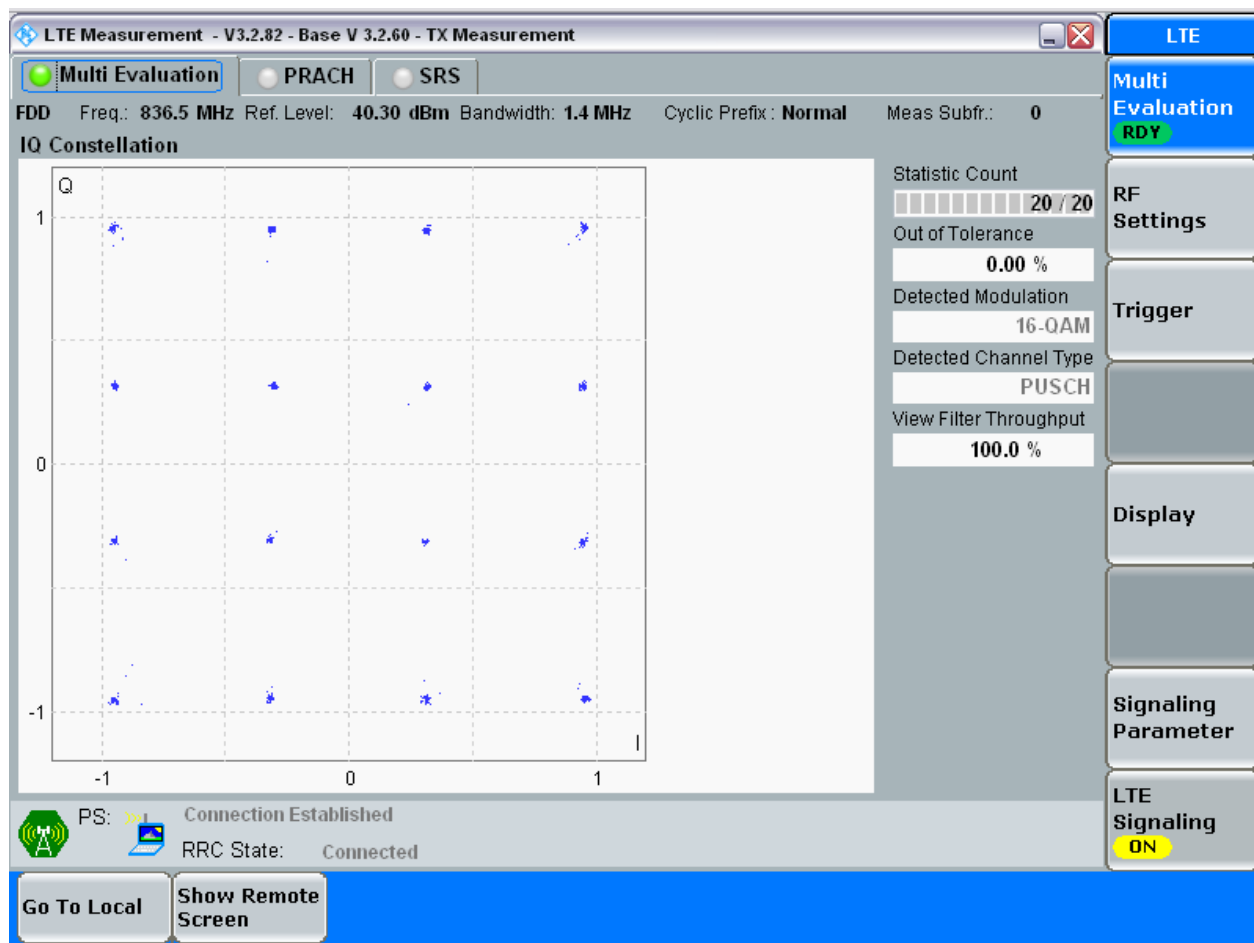


3.1.1.2 Test Mode = LTE/TM2

3.1.1.2.1 Test Bandwidth = 1.4

3.1.1.2.1.1 Test Channel = MCH

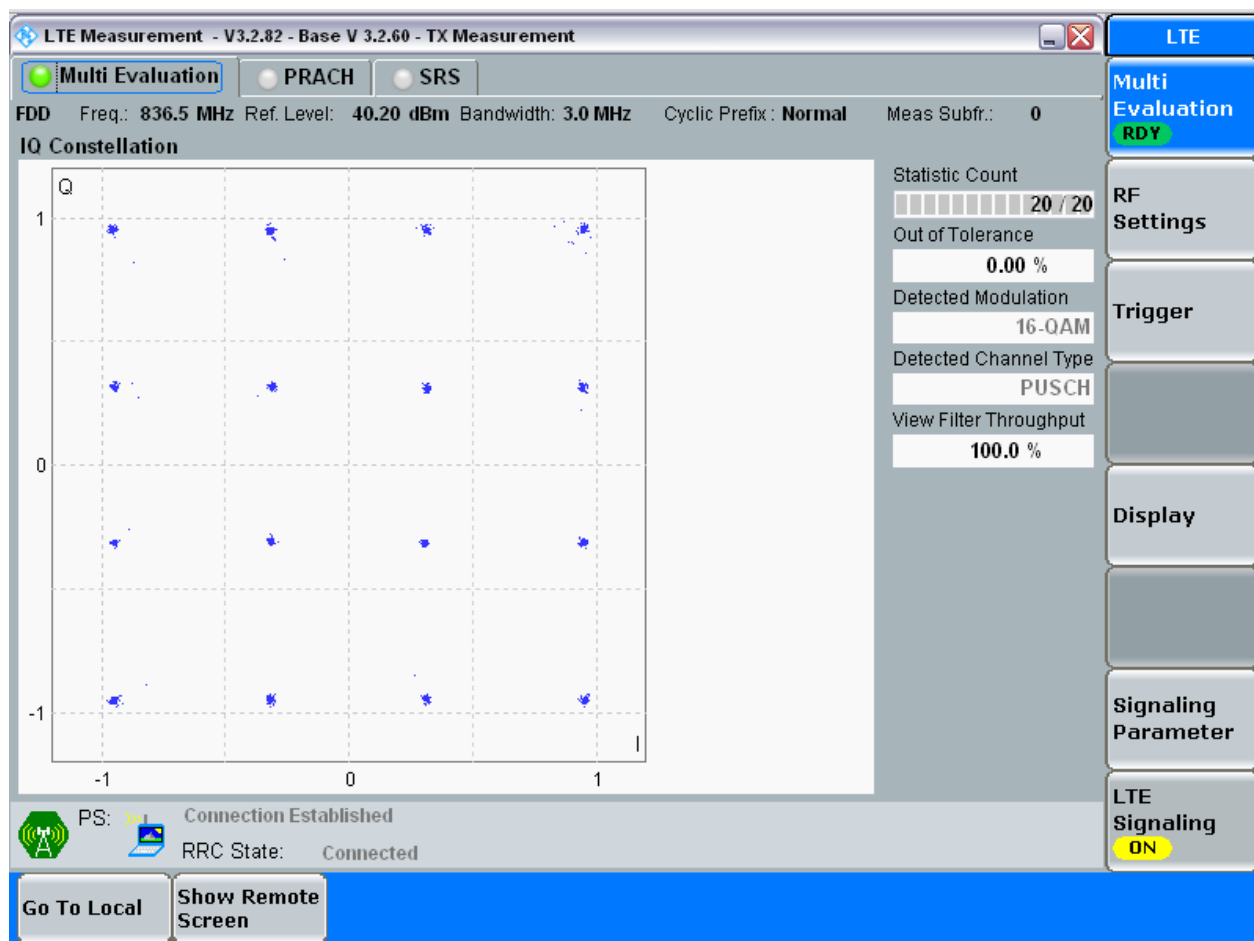
3.1.1.2.1.1.1 Test RB = RB6#0



3.1.1.2.2 Test Bandwidth = 3

3.1.1.2.2.1 Test Channel = MCH

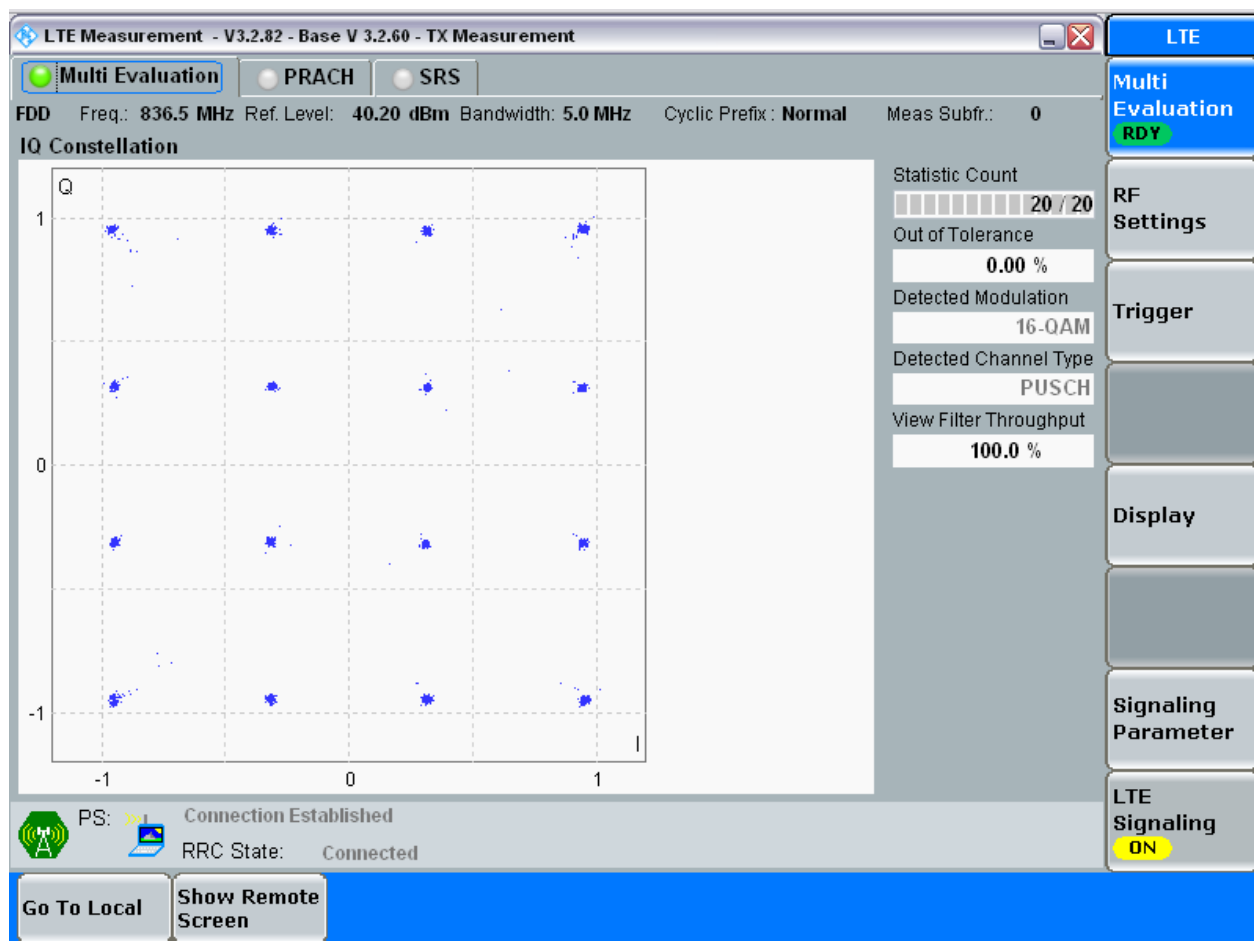
3.1.1.2.2.1.1 Test RB = RB15#0



3.1.1.2.3 Test Bandwidth = 5

3.1.1.2.3.1 Test Channel = MCH

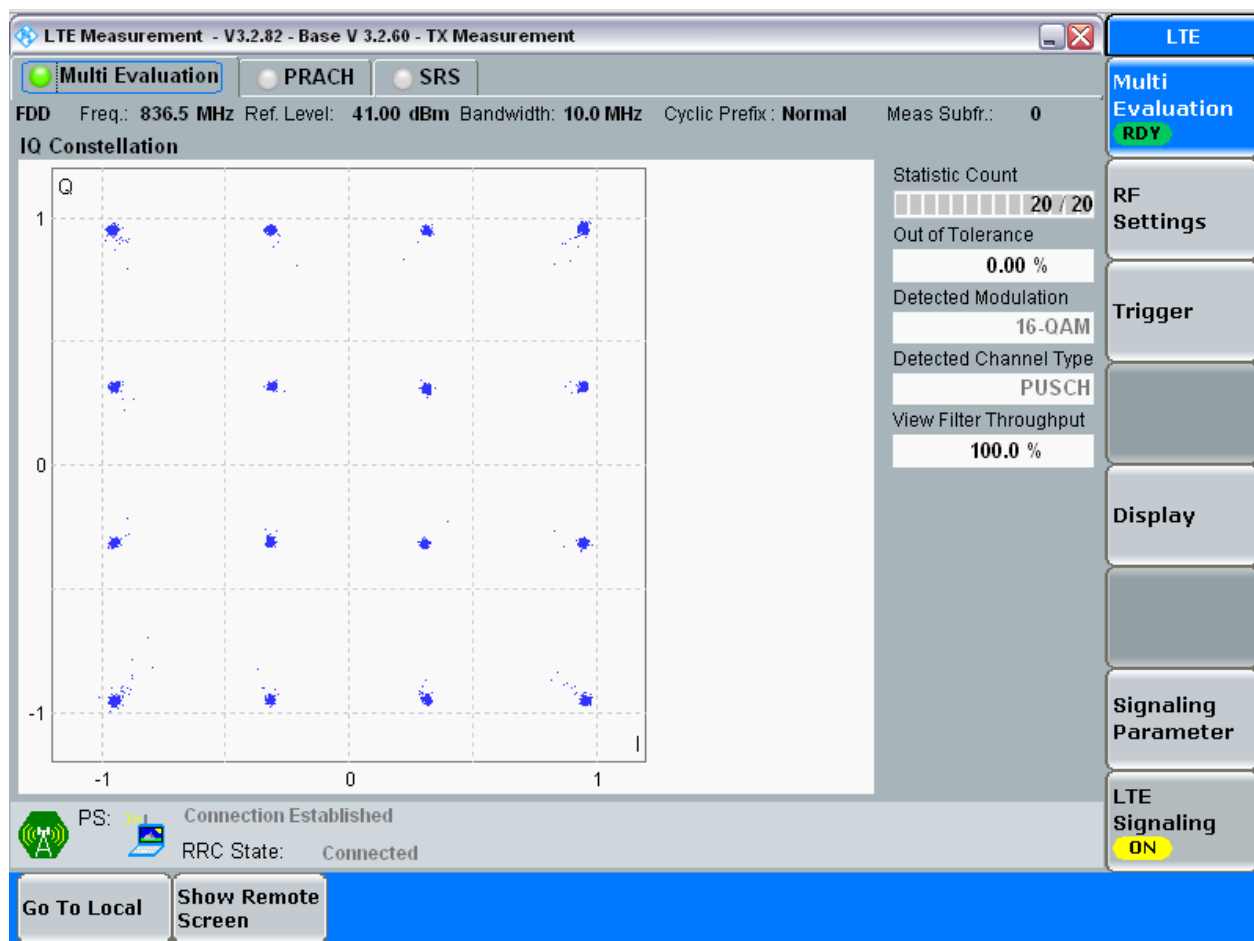
3.1.1.2.3.1.1 Test RB = RB25#0



3.1.1.2.4 Test Bandwidth = 10

3.1.1.2.4.1 Test Channel = MCH

3.1.1.2.4.1.1 Test RB = RB50#0



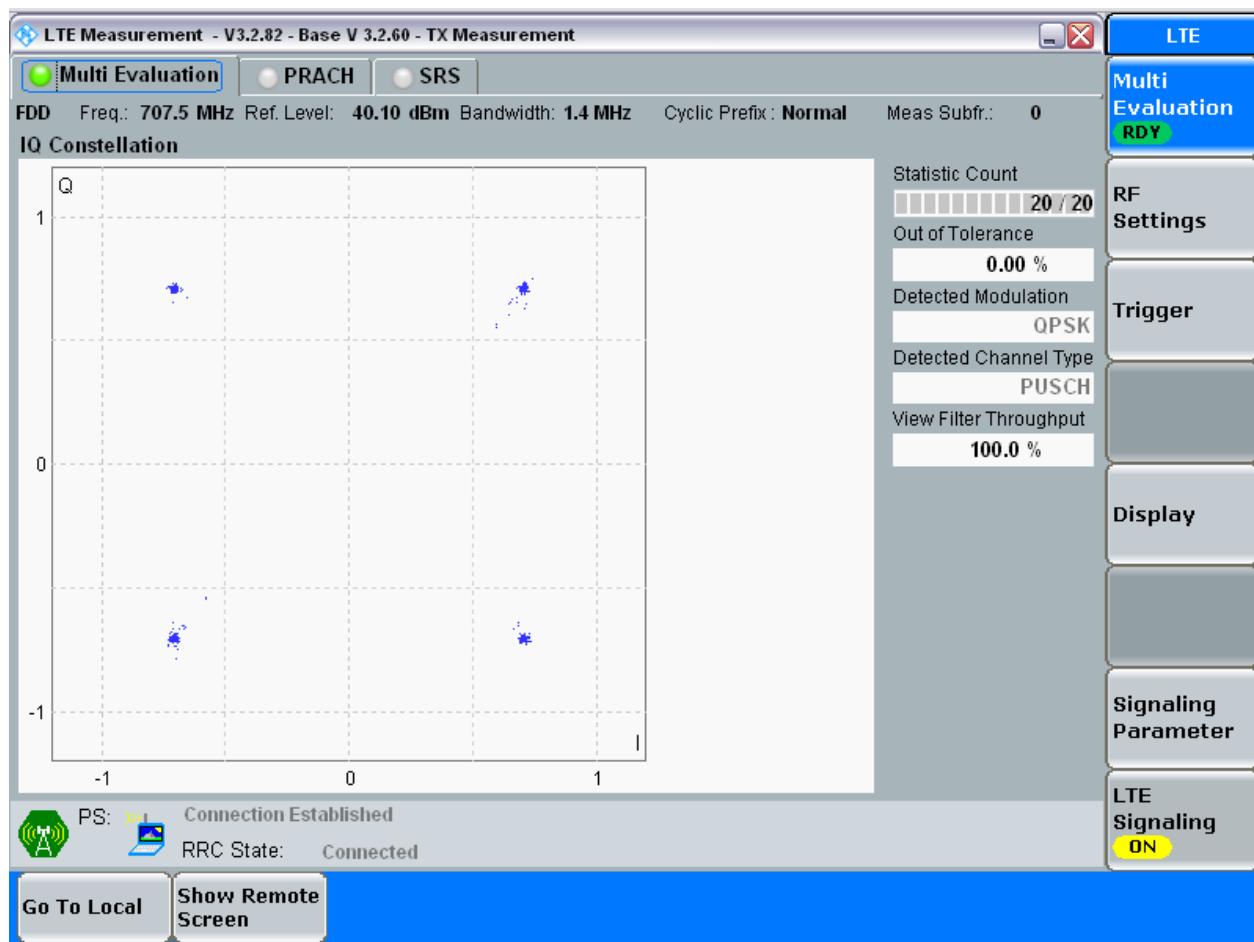
3.1.2 Test Band = BAND12

3.1.2.1 Test Mode = LTE/TM1

3.1.2.1.1 Test Bandwidth = 1.4

3.1.2.1.1.1 Test Channel = MCH

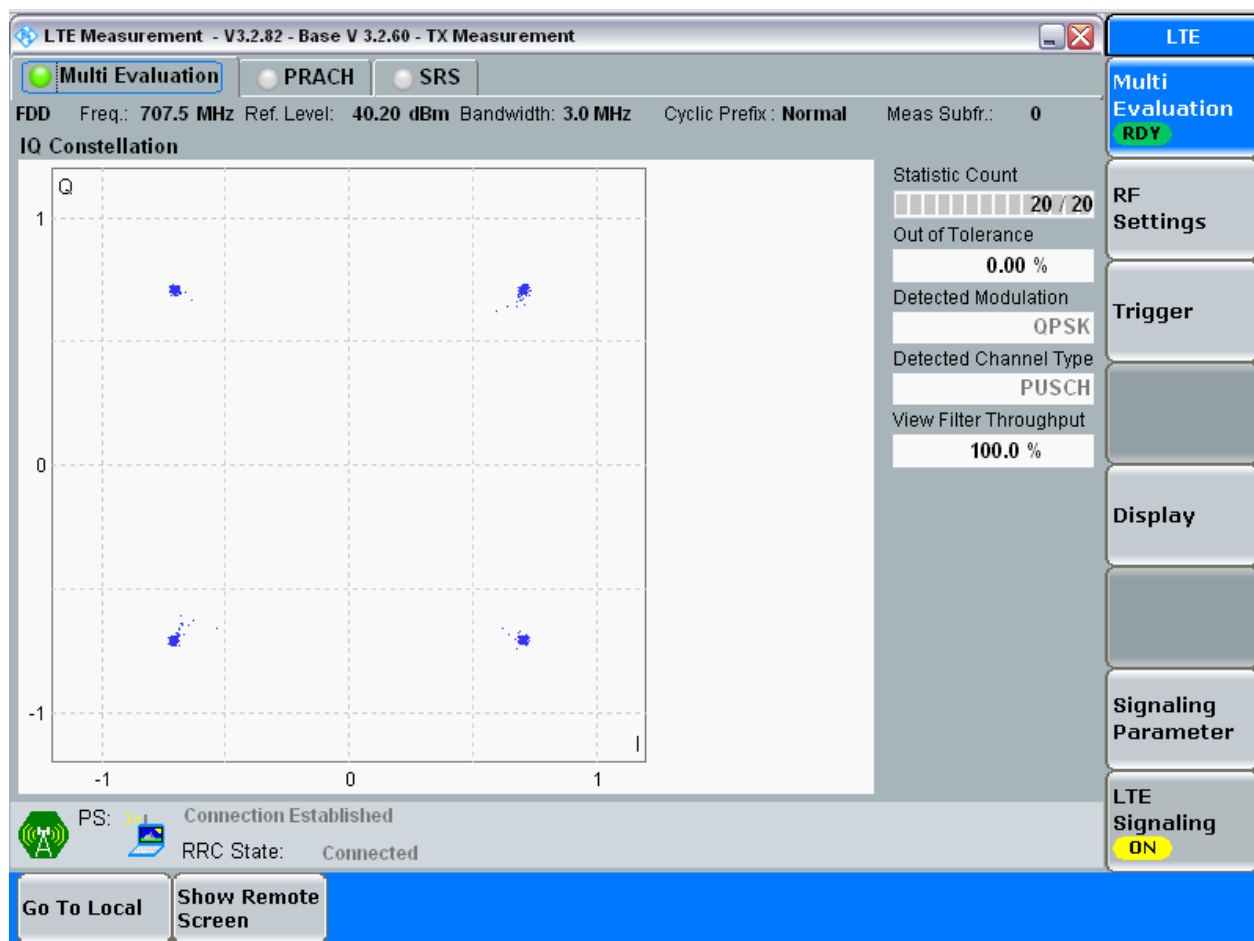
3.1.2.1.1.1.1 Test RB = RB6#0



3.1.2.1.2 Test Bandwidth = 3

3.1.2.1.2.1 Test Channel = MCH

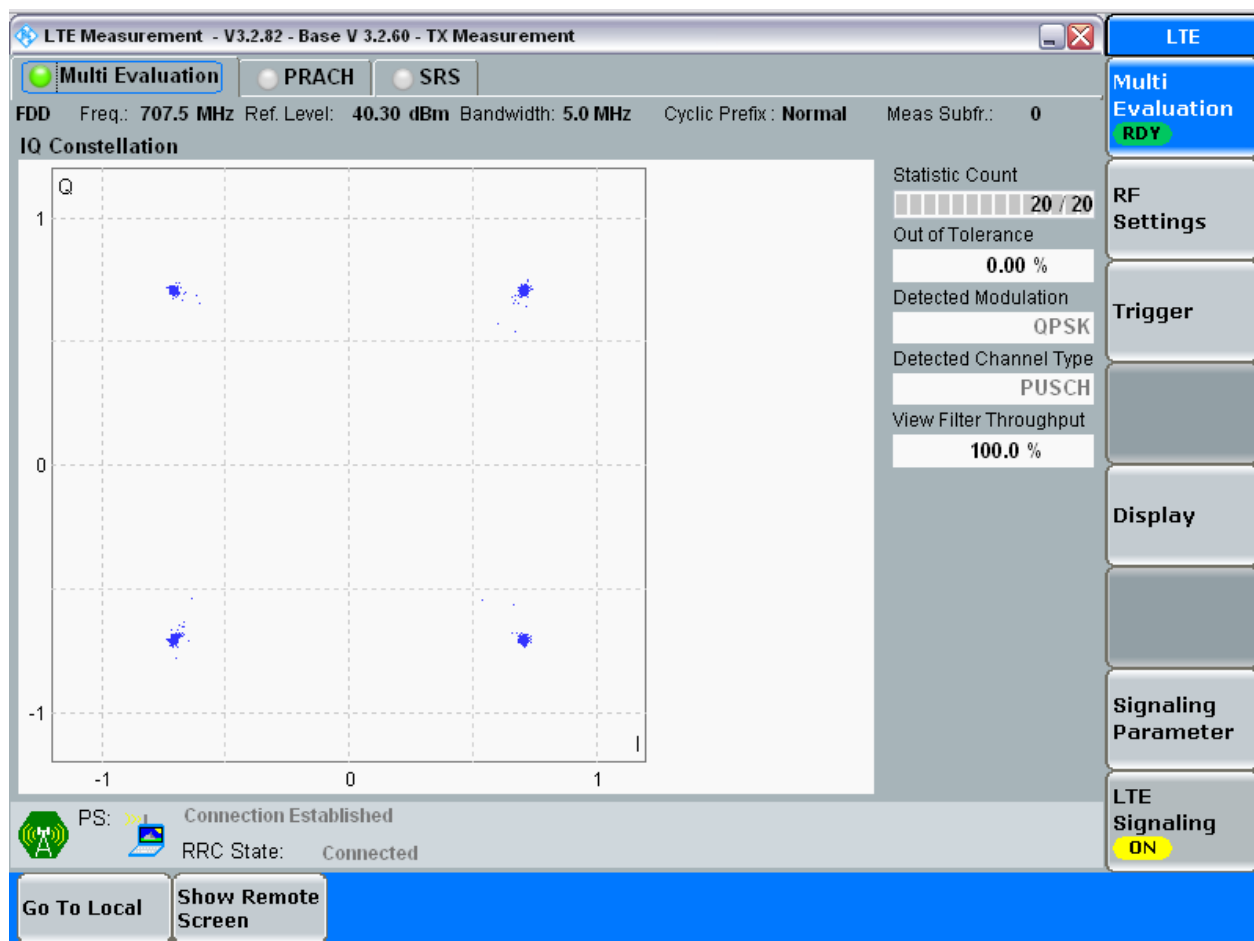
3.1.2.1.2.1.1 Test RB = RB15#0



3.1.2.1.3 Test Bandwidth = 5

3.1.2.1.3.1 Test Channel = MCH

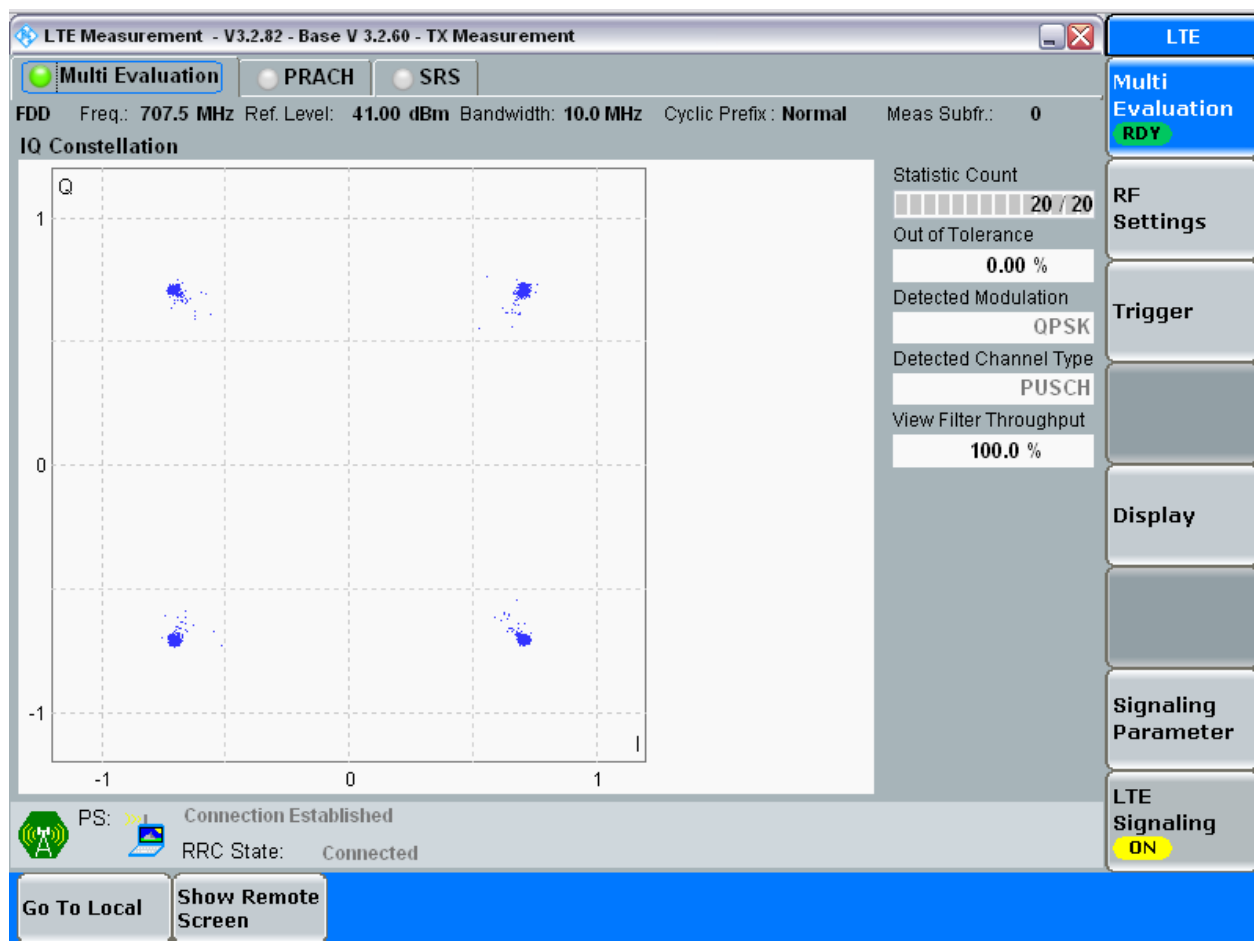
3.1.2.1.3.1.1 Test RB = RB25#0



3.1.2.1.4 Test Bandwidth = 10

3.1.2.1.4.1 Test Channel = MCH

3.1.2.1.4.1.1 Test RB = RB50#0

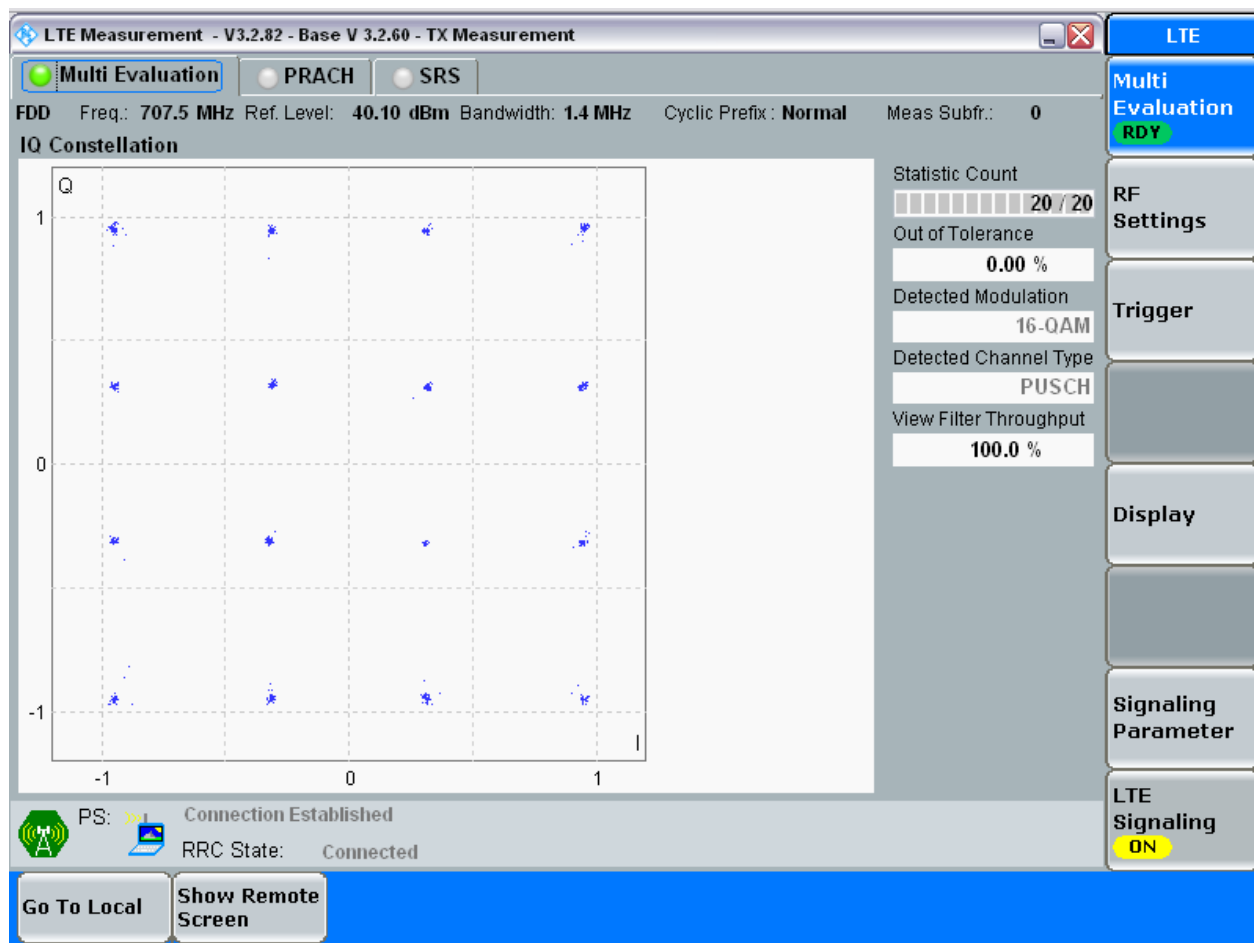


3.1.2.2 Test Mode = LTE/TM2

3.1.2.2.1 Test Bandwidth = 1.4

3.1.2.2.1.1 Test Channel = MCH

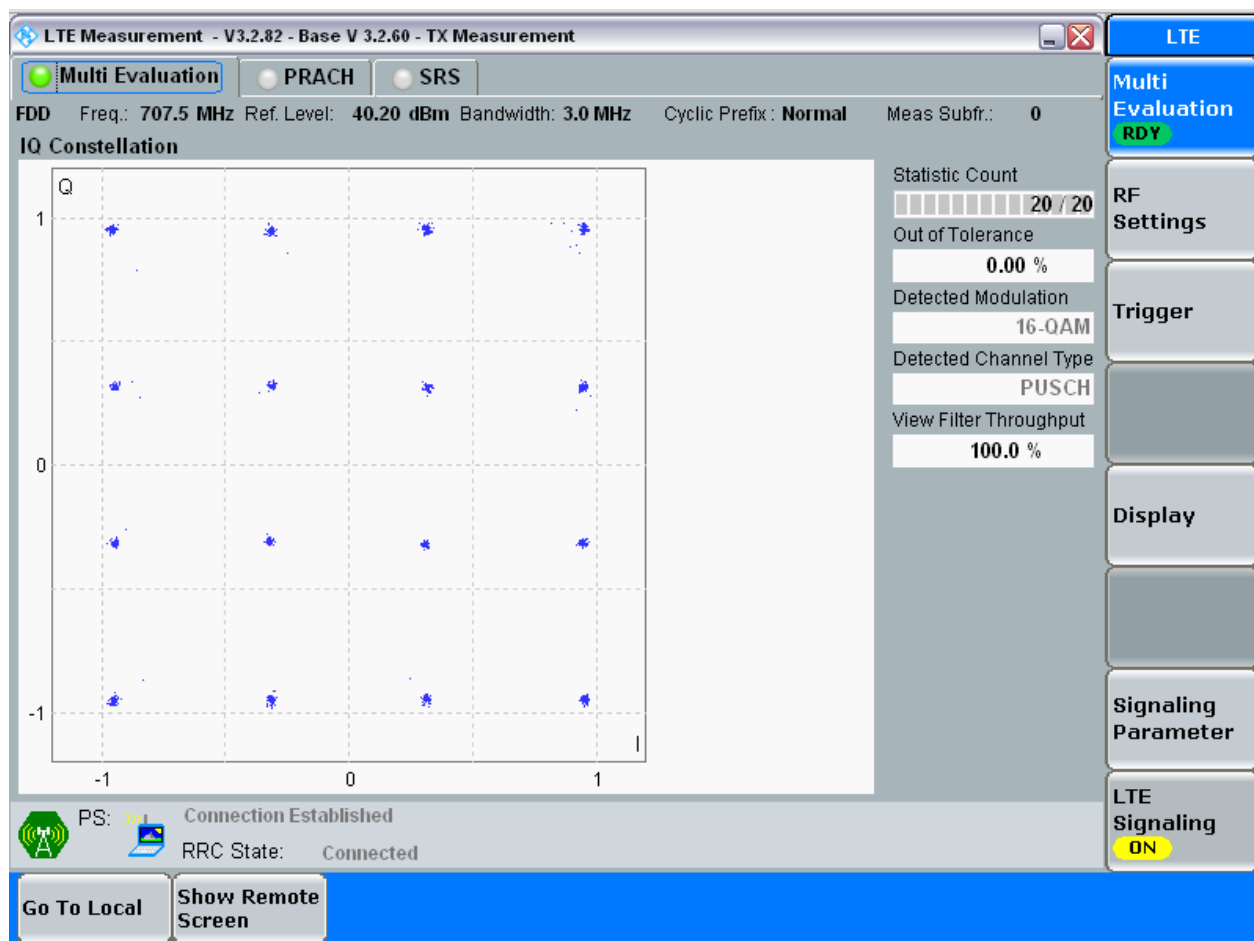
3.1.2.2.1.1.1 Test RB = RB6#0



3.1.2.2.2 Test Bandwidth = 3

3.1.2.2.2.1 Test Channel = MCH

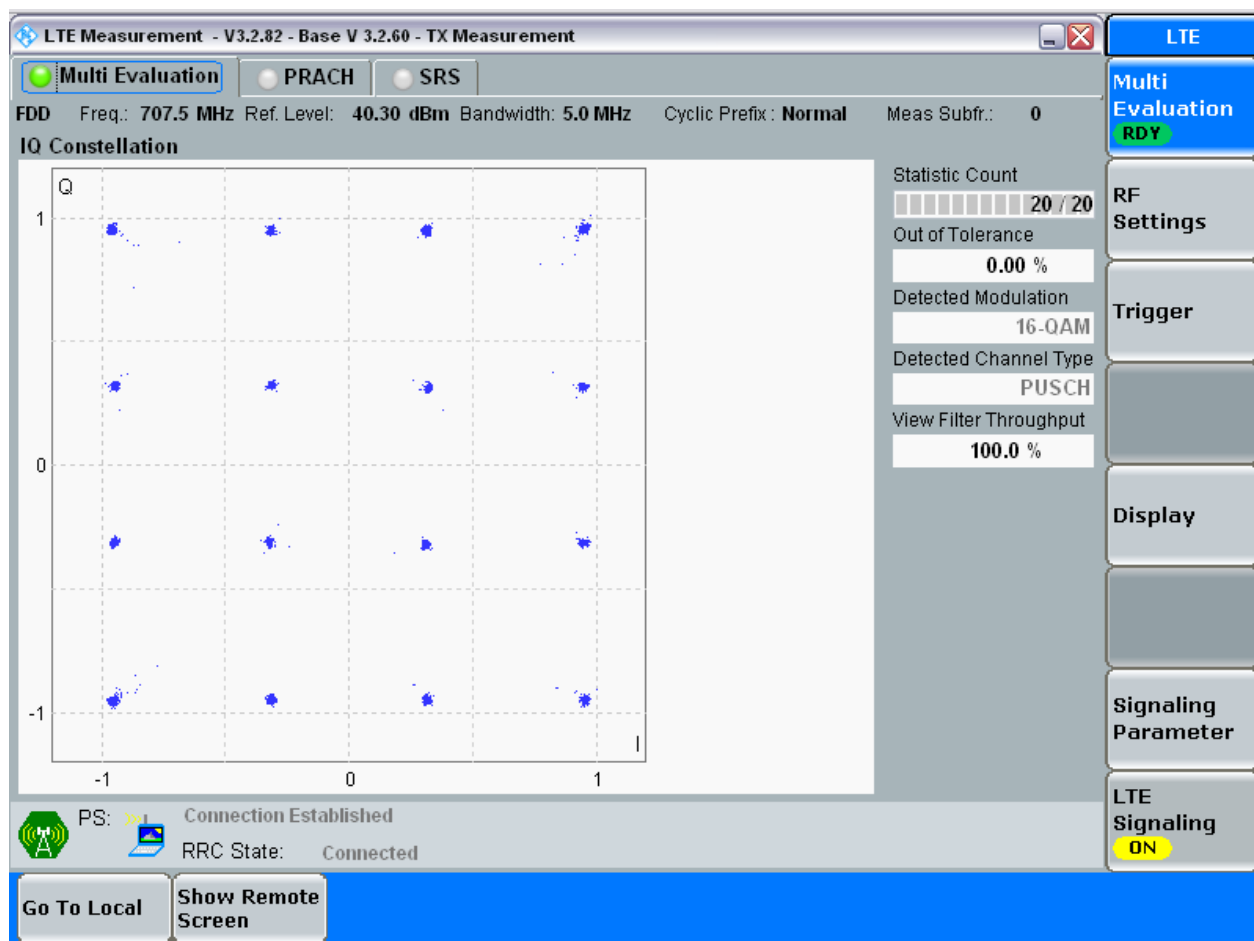
3.1.2.2.2.1.1 Test RB = RB15#0



3.1.2.2.3 Test Bandwidth = 5

3.1.2.2.3.1 Test Channel = MCH

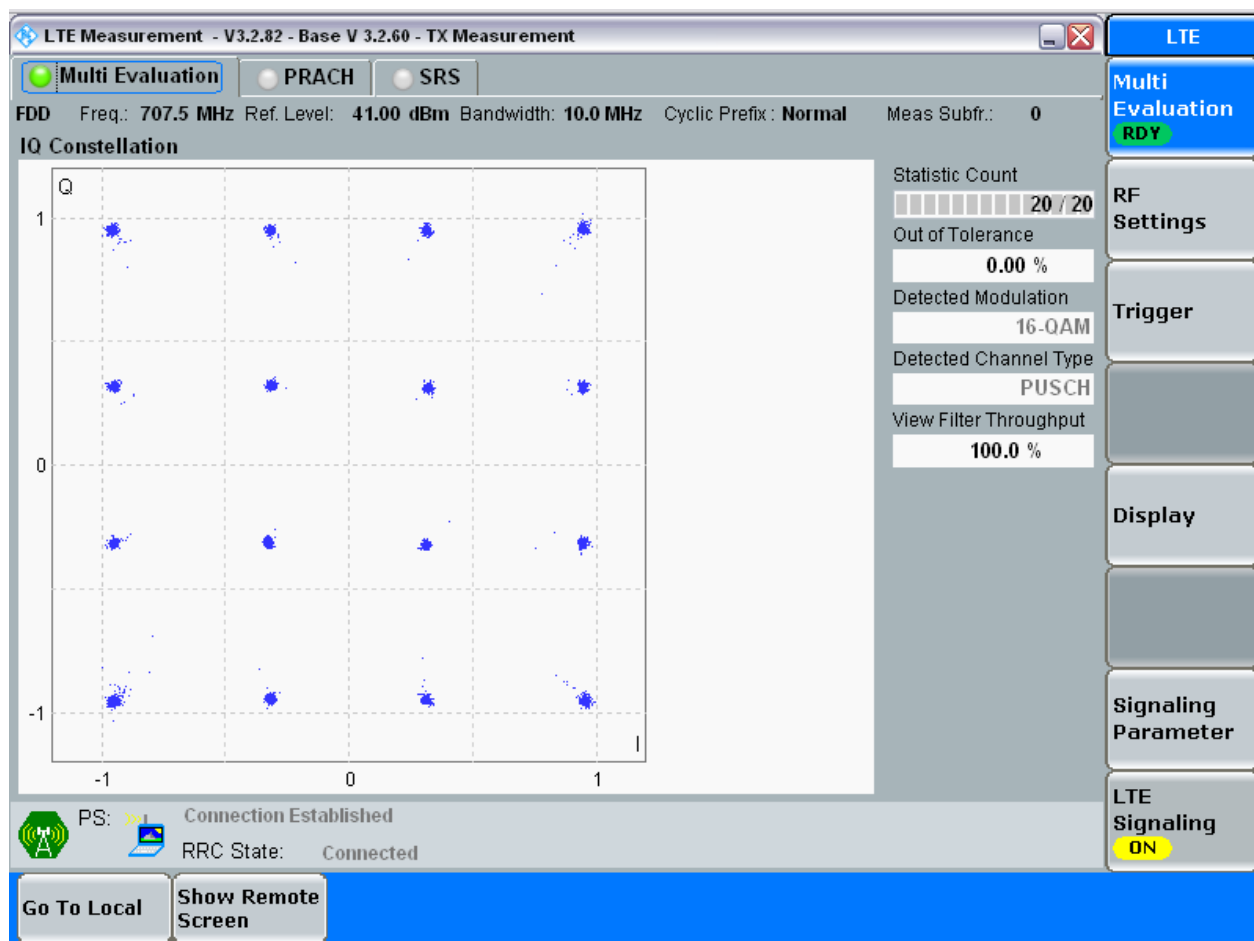
3.1.2.2.3.1.1 Test RB = RB25#0



3.1.2.2.4 Test Bandwidth = 10

3.1.2.2.4.1 Test Channel = MCH

3.1.2.2.4.1.1 Test RB = RB50#0



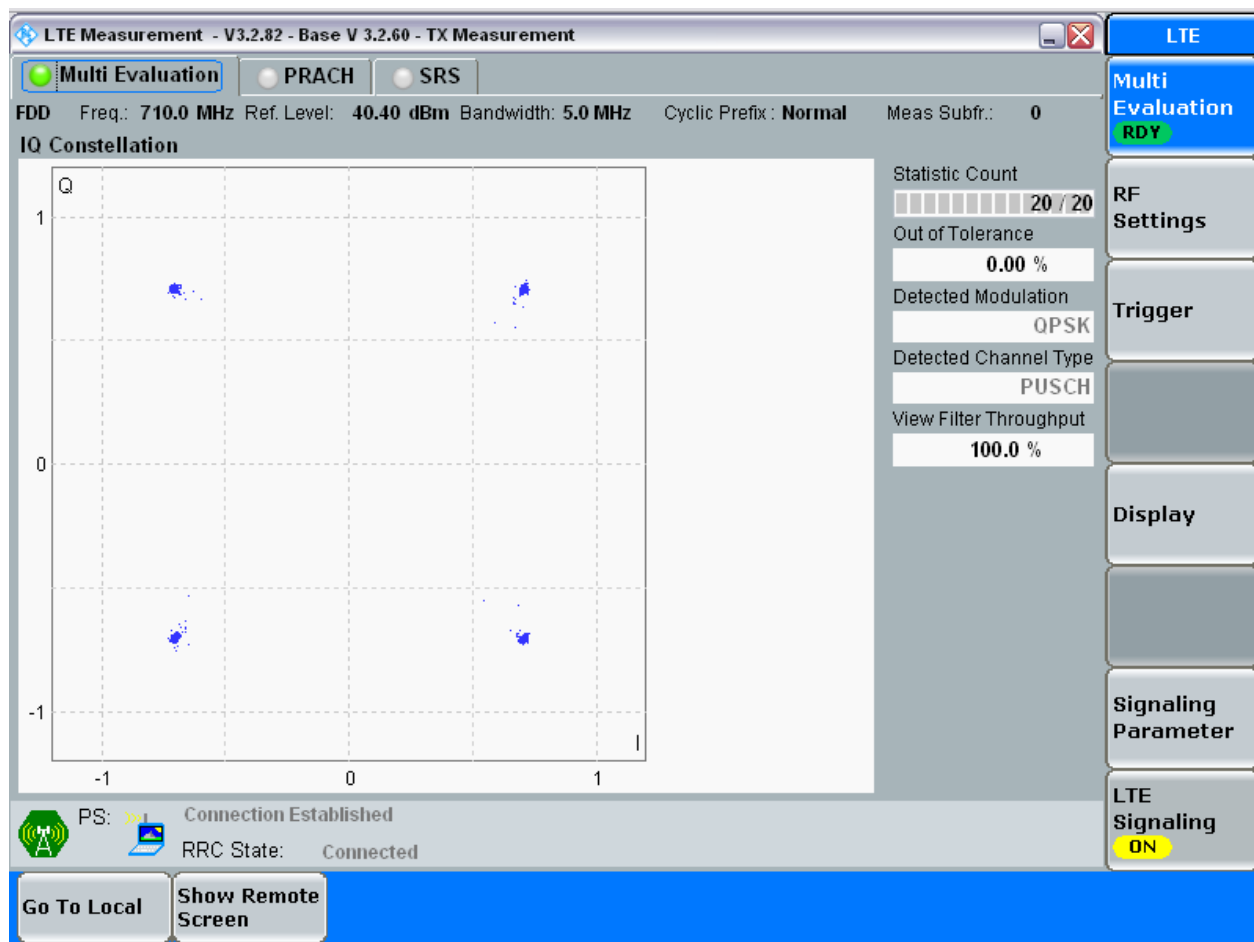
3.1.3 Test Band = BAND17

3.1.3.1 Test Mode = LTE/TM1

3.1.3.1.1 Test Bandwidth = 5

3.1.3.1.1.1 Test Channel = MCH

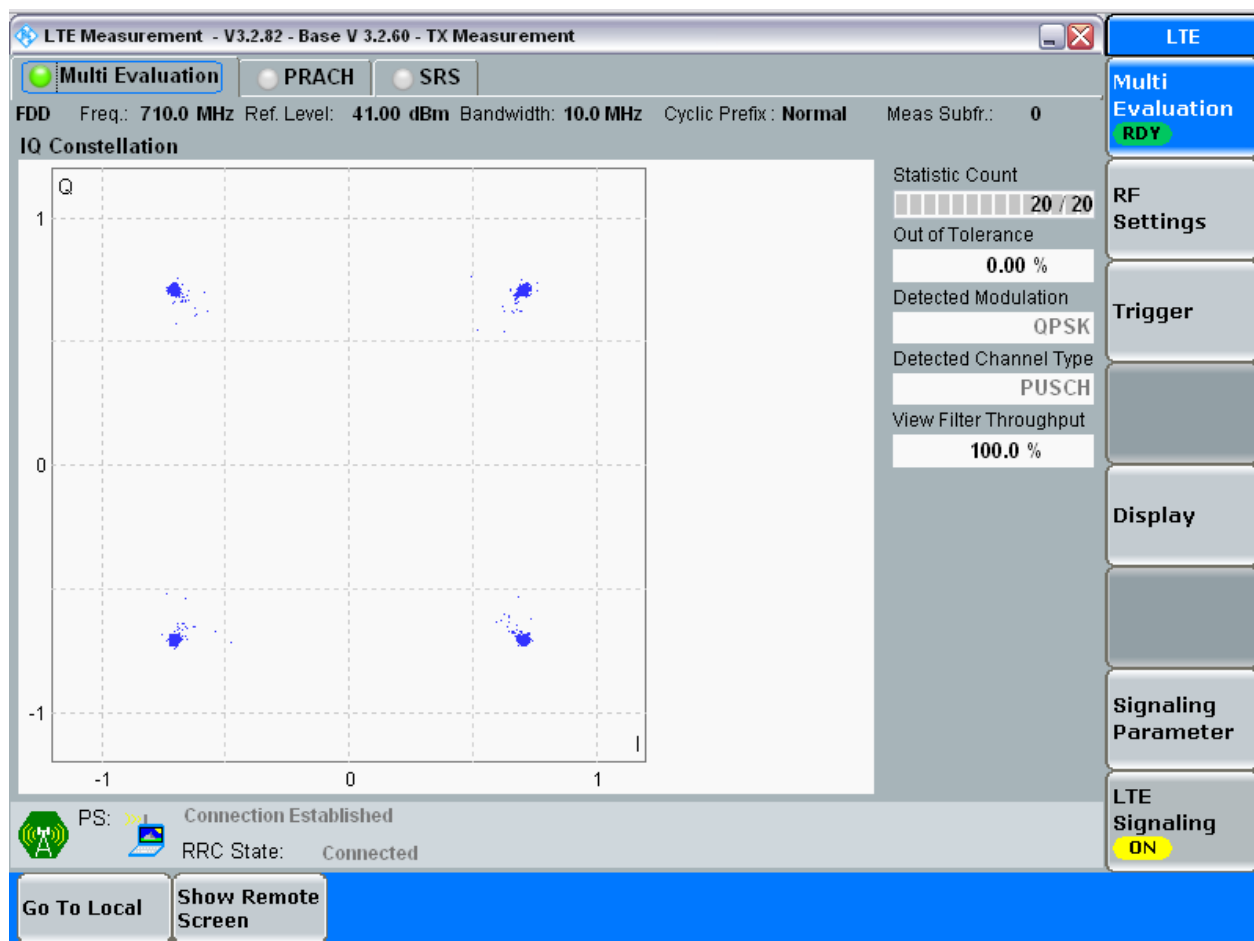
3.1.3.1.1.1.1 Test RB = RB25#0



3.1.3.1.2 Test Bandwidth = 10

3.1.3.1.2.1 Test Channel = MCH

3.1.3.1.2.1.1 Test RB = RB50#0

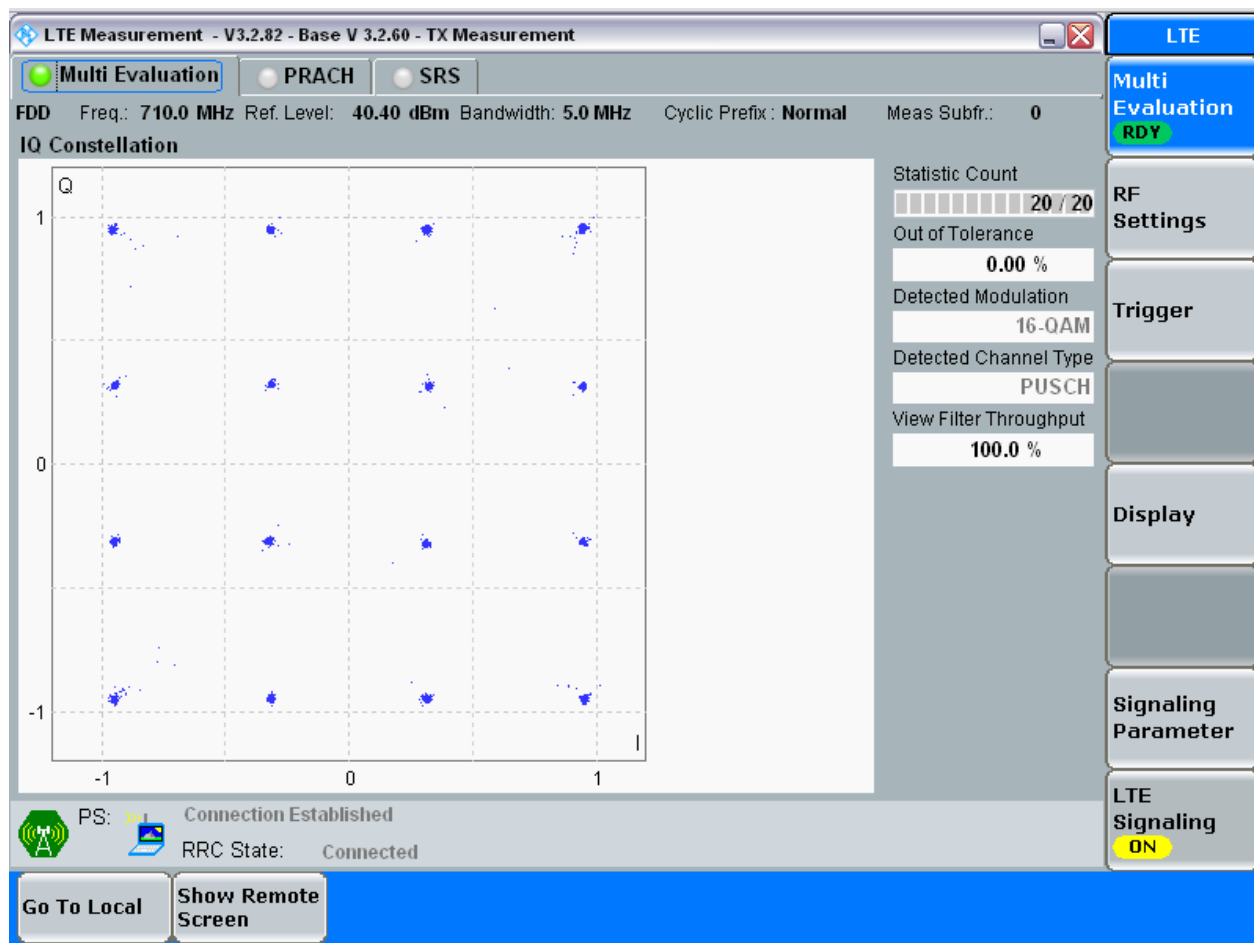


3.1.3.2 Test Mode = LTE/TM2

3.1.3.2.1 Test Bandwidth = 5

3.1.3.2.1.1 Test Channel = MCH

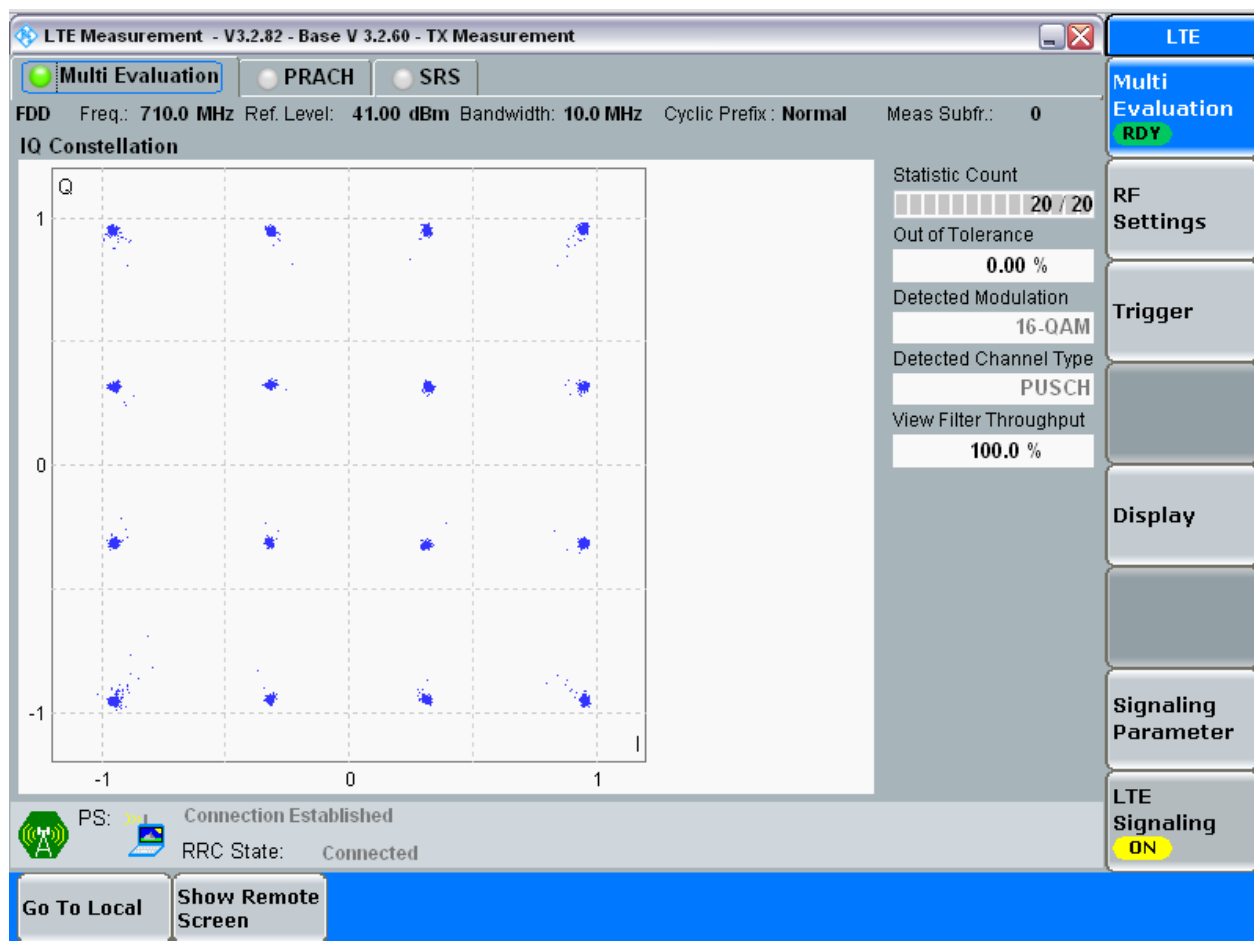
3.1.3.2.1.1.1 Test RB = RB25#0



3.1.3.2.2 Test Bandwidth = 10

3.1.3.2.2.1 Test Channel = MCH

3.1.3.2.2.1.1 Test RB = RB50#0



4Appendix_D: Bandwidth

Part I - Test Results

Test Band	Test Mode	Test Bandwidth	Test Channel	Test RB	Occupied Bandwidth [MHz]	Emission Bandwidth [MHz]	Verdict
BAND5	LTE/TM1	1.4	LCH	RB6#0	1.09	1.27	Pass
			MCH	RB6#0	1.09	1.27	Pass
			HCH	RB6#0	1.09	1.26	Pass
		3	LCH	RB15#0	2.70	2.94	Pass
			MCH	RB15#0	2.70	2.94	Pass
			HCH	RB15#0	2.70	2.94	Pass
		5	LCH	RB25#0	4.51	4.88	Pass
			MCH	RB25#0	4.51	4.90	Pass
			HCH	RB25#0	4.50	4.89	Pass
		10	LCH	RB50#0	8.98	9.61	Pass
			MCH	RB50#0	8.99	9.60	Pass
			HCH	RB50#0	8.98	9.60	Pass
	LTE/TM2	1.4	LCH	RB6#0	1.09	1.28	Pass
			MCH	RB6#0	1.09	1.27	Pass
			HCH	RB6#0	1.09	1.26	Pass
		3	LCH	RB15#0	2.70	2.94	Pass
			MCH	RB15#0	2.70	2.93	Pass
			HCH	RB15#0	2.70	2.94	Pass
		5	LCH	RB25#0	4.51	4.89	Pass
			MCH	RB25#0	4.51	4.88	Pass
			HCH	RB25#0	4.51	4.87	Pass
		10	LCH	RB50#0	8.97	9.57	Pass
			MCH	RB50#0	8.98	9.58	Pass
			HCH	RB50#0	8.97	9.57	Pass
BAND12	LTE/TM1	1.4	LCH	RB6#0	1.09	1.26	Pass
			MCH	RB6#0	1.09	1.26	Pass
			HCH	RB6#0	1.09	1.26	Pass
		3	LCH	RB15#0	2.70	2.93	Pass
			MCH	RB15#0	2.70	2.93	Pass
			HCH	RB15#0	2.70	2.94	Pass

Test Band	Test Mode	Test Bandwidth	Test Channel	Test RB	Occupied Bandwidth [MHz]	Emission Bandwidth [MHz]	Verdict
		5	LCH	RB25#0	4.51	4.91	Pass
			MCH	RB25#0	4.51	4.90	Pass
			HCH	RB25#0	4.51	4.92	Pass
		10	LCH	RB50#0	9.00	9.64	Pass
			MCH	RB50#0	8.99	9.61	Pass
			HCH	RB50#0	8.98	9.58	Pass
	LTE/TM2	1.4	LCH	RB6#0	1.09	1.27	Pass
			MCH	RB6#0	1.09	1.28	Pass
			HCH	RB6#0	1.09	1.27	Pass
		3	LCH	RB15#0	2.70	2.95	Pass
			MCH	RB15#0	2.70	2.94	Pass
			HCH	RB15#0	2.70	2.93	Pass
		5	LCH	RB25#0	4.51	4.87	Pass
			MCH	RB25#0	4.51	4.88	Pass
			HCH	RB25#0	4.51	4.87	Pass
		10	LCH	RB50#0	9.00	9.63	Pass
			MCH	RB50#0	8.98	9.58	Pass
			HCH	RB50#0	8.97	9.54	Pass
BAND17	LTE/TM1	5	LCH	RB25#0	4.51	4.90	Pass
			MCH	RB25#0	4.50	4.90	Pass
			HCH	RB25#0	4.51	4.91	Pass
		10	LCH	RB50#0	8.98	9.60	Pass
			MCH	RB50#0	8.97	9.59	Pass
			HCH	RB50#0	8.97	9.59	Pass
	LTE/TM2	5	LCH	RB25#0	4.51	4.88	Pass
			MCH	RB25#0	4.51	4.88	Pass
			HCH	RB25#0	4.51	4.89	Pass
		10	LCH	RB50#0	8.97	9.55	Pass
			MCH	RB50#0	8.96	9.53	Pass
			HCH	RB50#0	8.96	9.57	Pass



Part II - Test Plots

4.1 For LTE

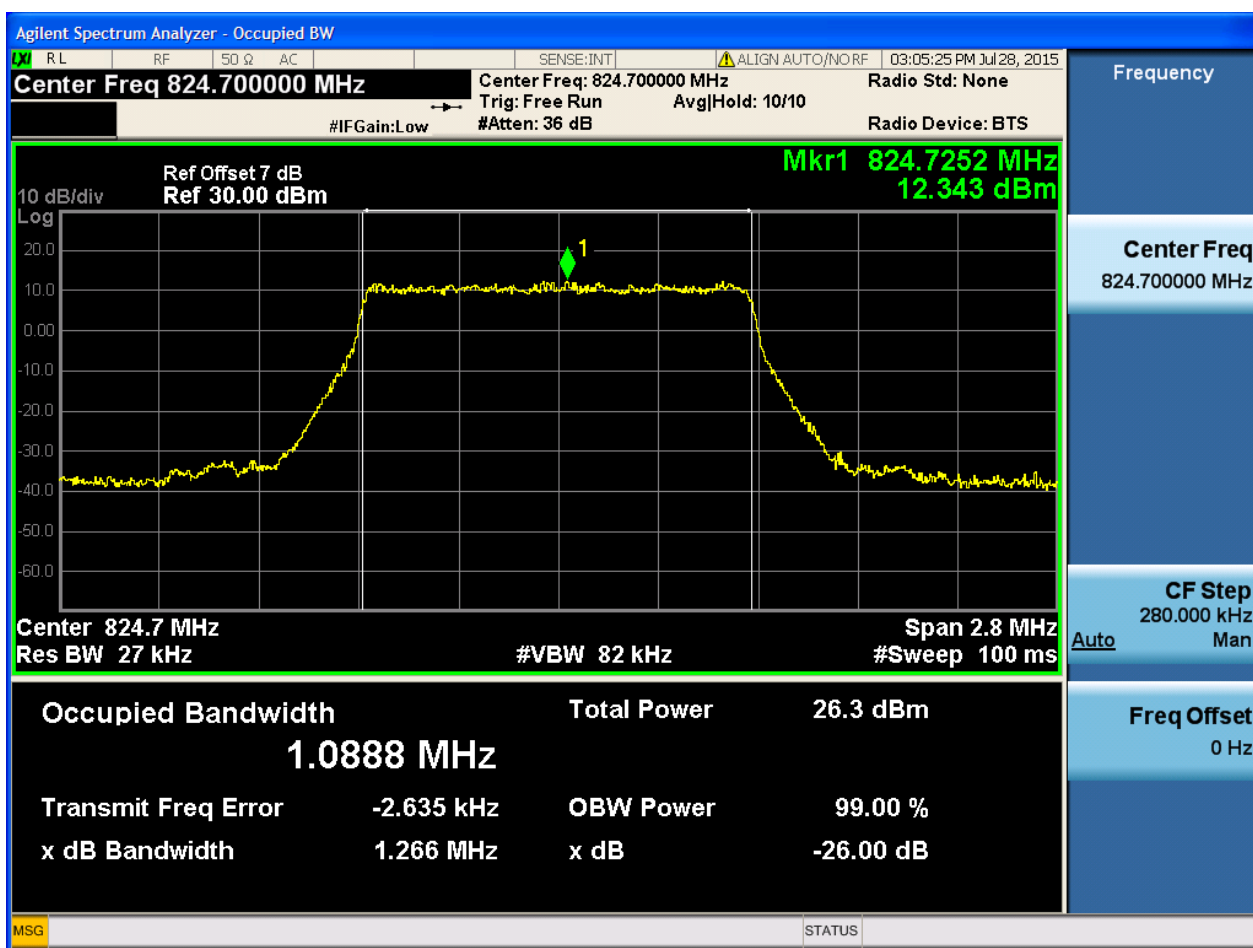
4.1.1 Test Band = BAND5

4.1.1.1 Test Mode = LTE/TM1

4.1.1.1.1 Test Bandwidth = 1.4

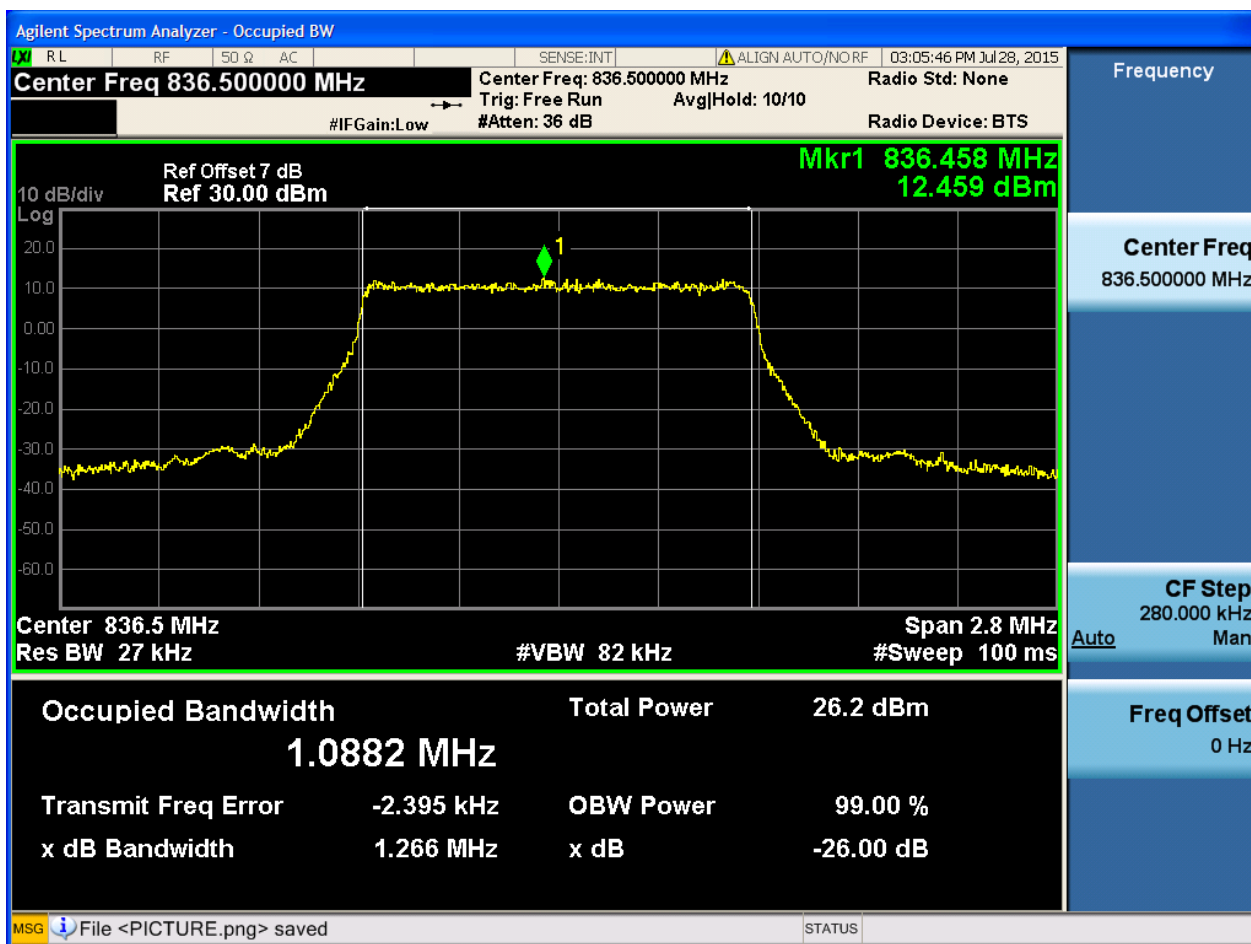
4.1.1.1.1.1 Test Channel = LCH

4.1.1.1.1.1.1 Test RB = RB6#0



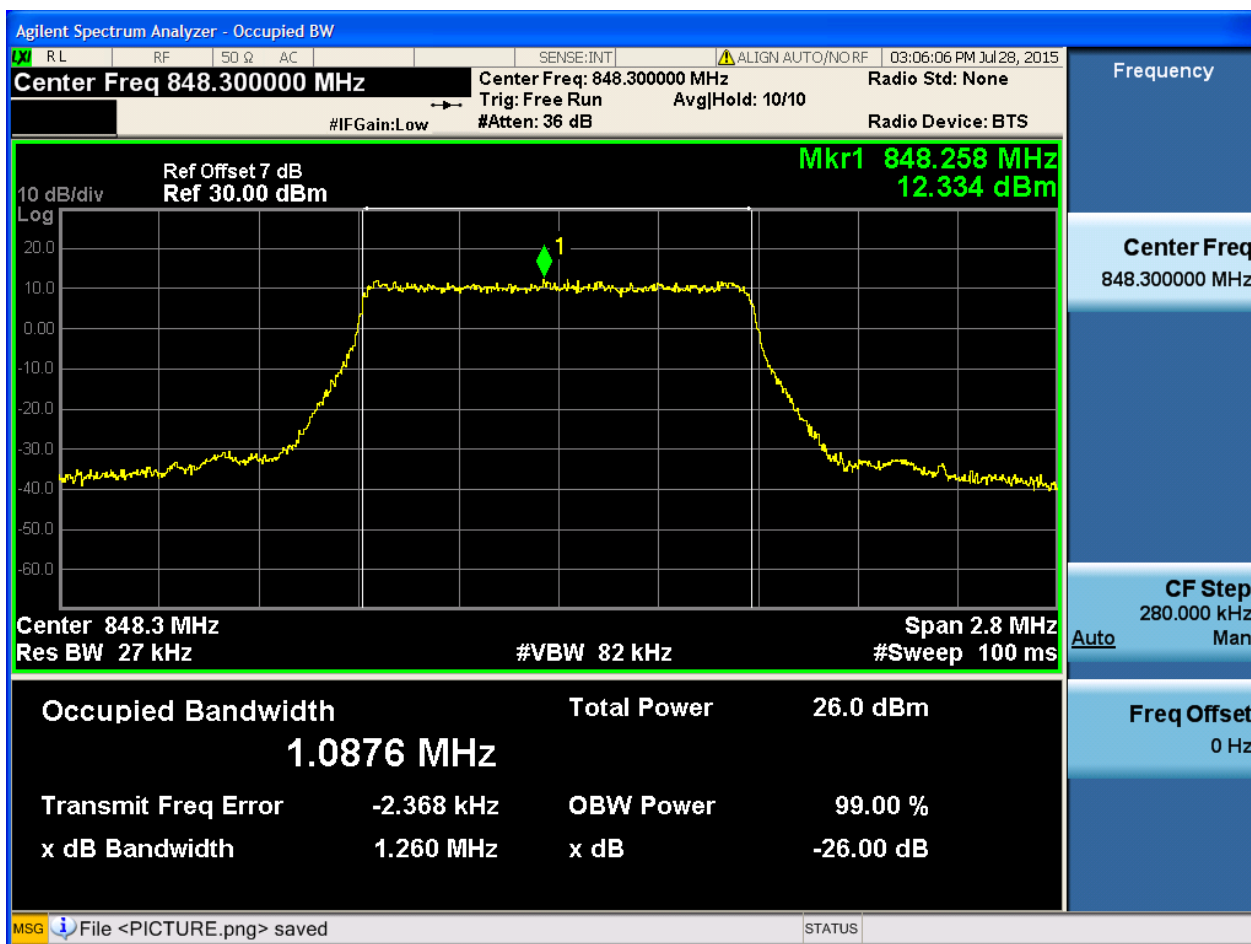
4.1.1.1.1.2 Test Channel = MCH

4.1.1.1.1.2.1 Test RB = RB6#0



4.1.1.1.1.3 Test Channel = HCH

4.1.1.1.1.3.1 Test RB = RB6#0

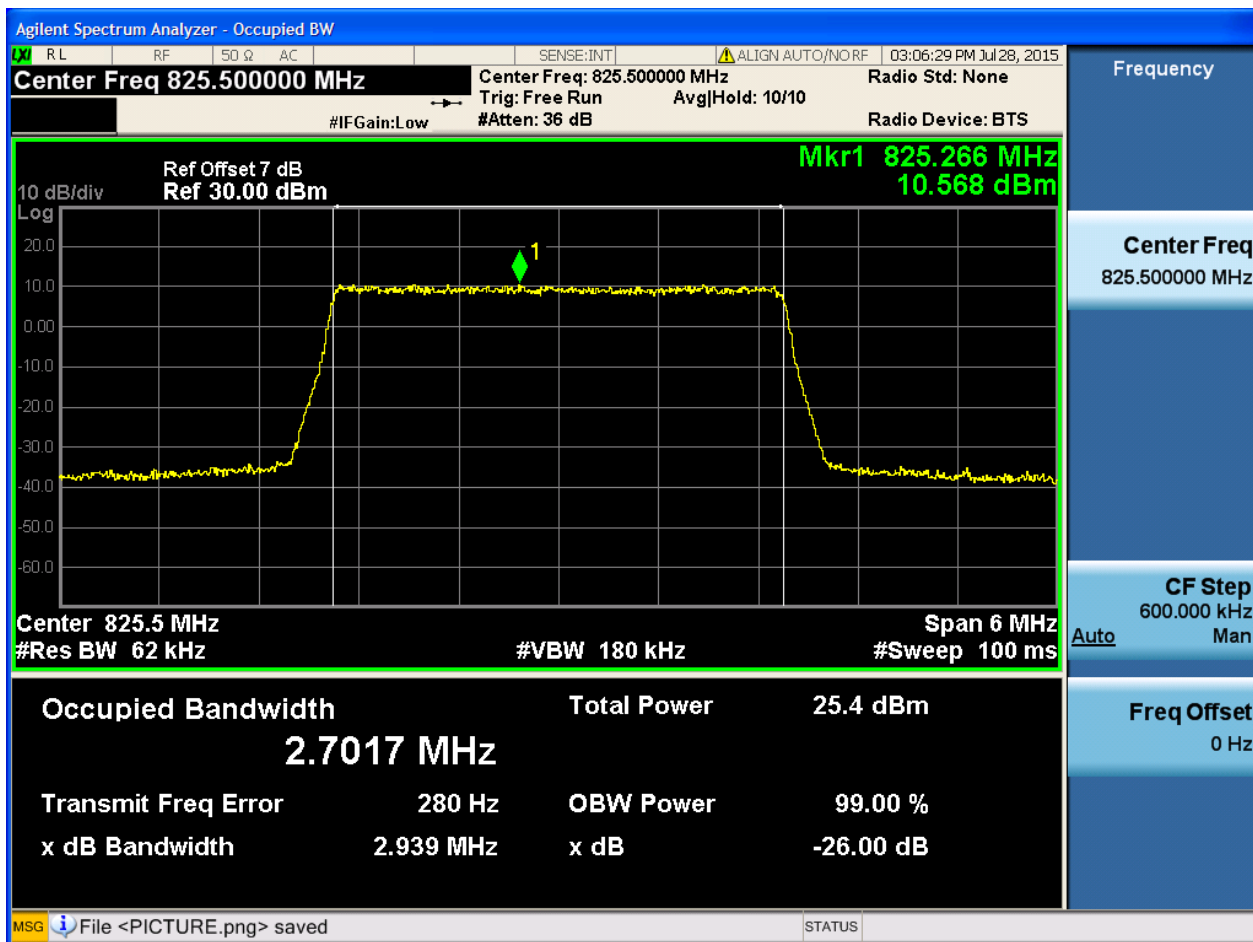




4.1.1.1.2 Test Bandwidth = 3

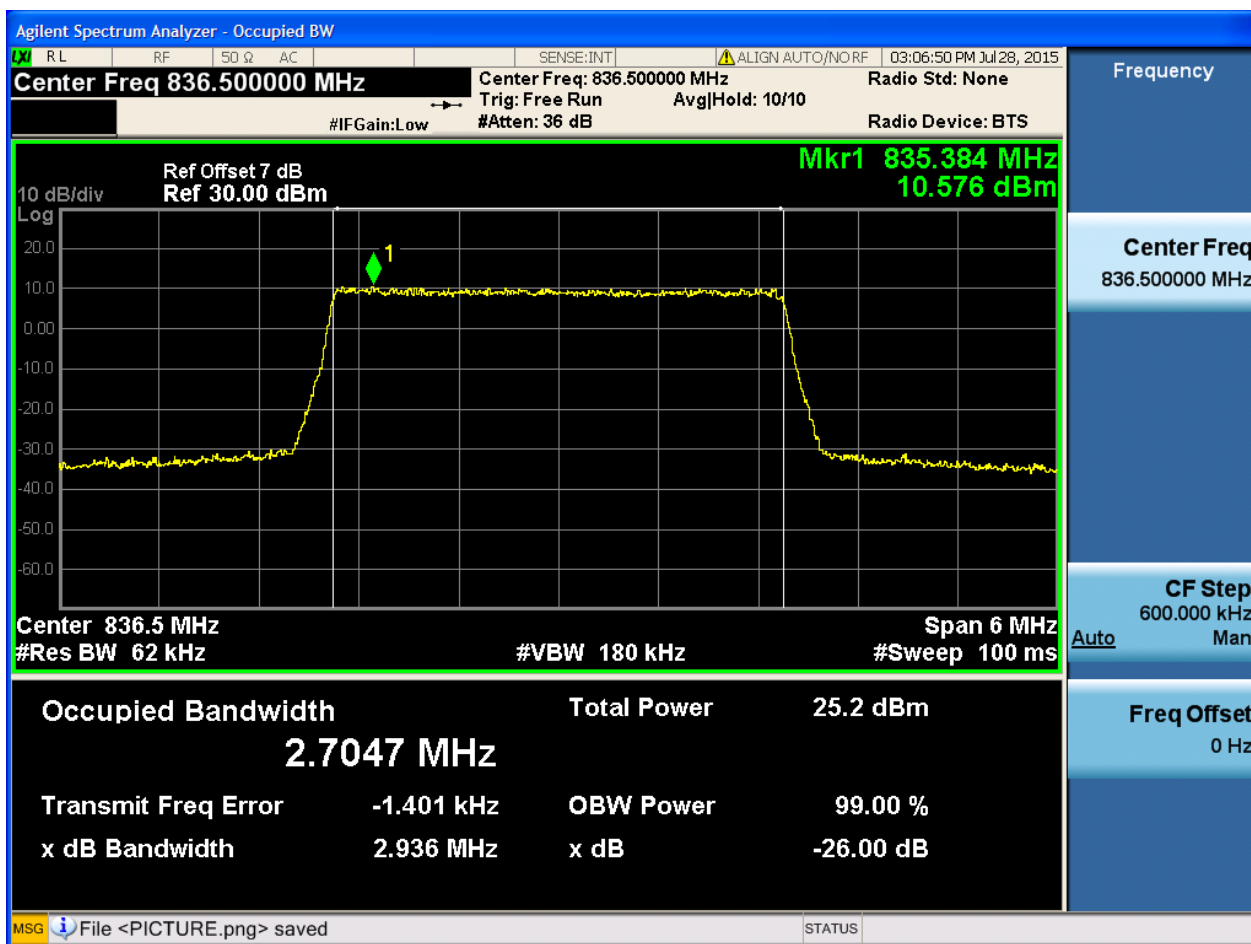
4.1.1.1.2.1 Test Channel = LCH

4.1.1.1.2.1.1 Test RB = RB15#0



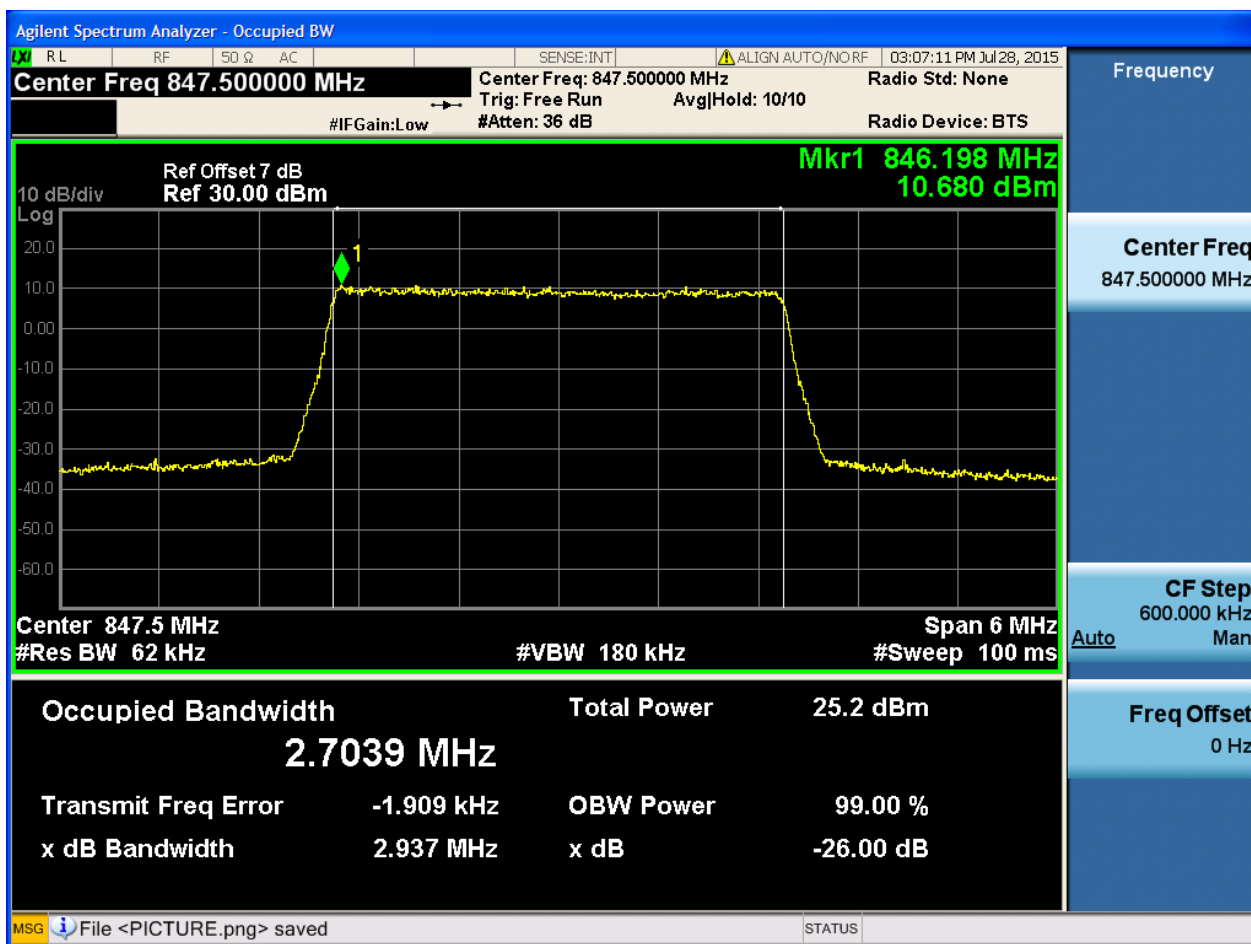
4.1.1.1.2.2 Test Channel = MCH

4.1.1.1.2.2.1 Test RB = RB15#0



4.1.1.1.2.3 Test Channel = HCH

4.1.1.1.2.3.1 Test RB = RB15#0

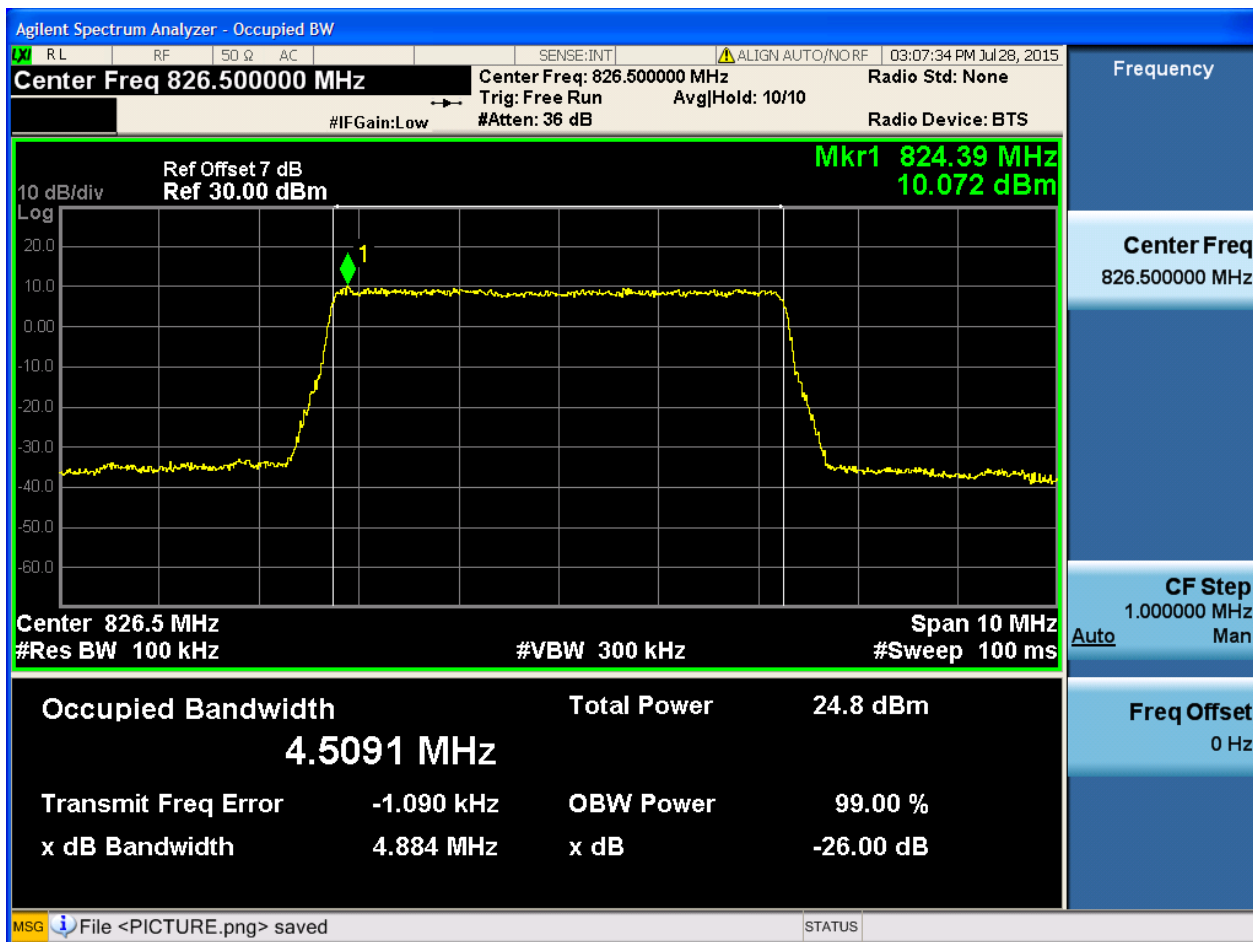




4.1.1.1.3 Test Bandwidth = 5

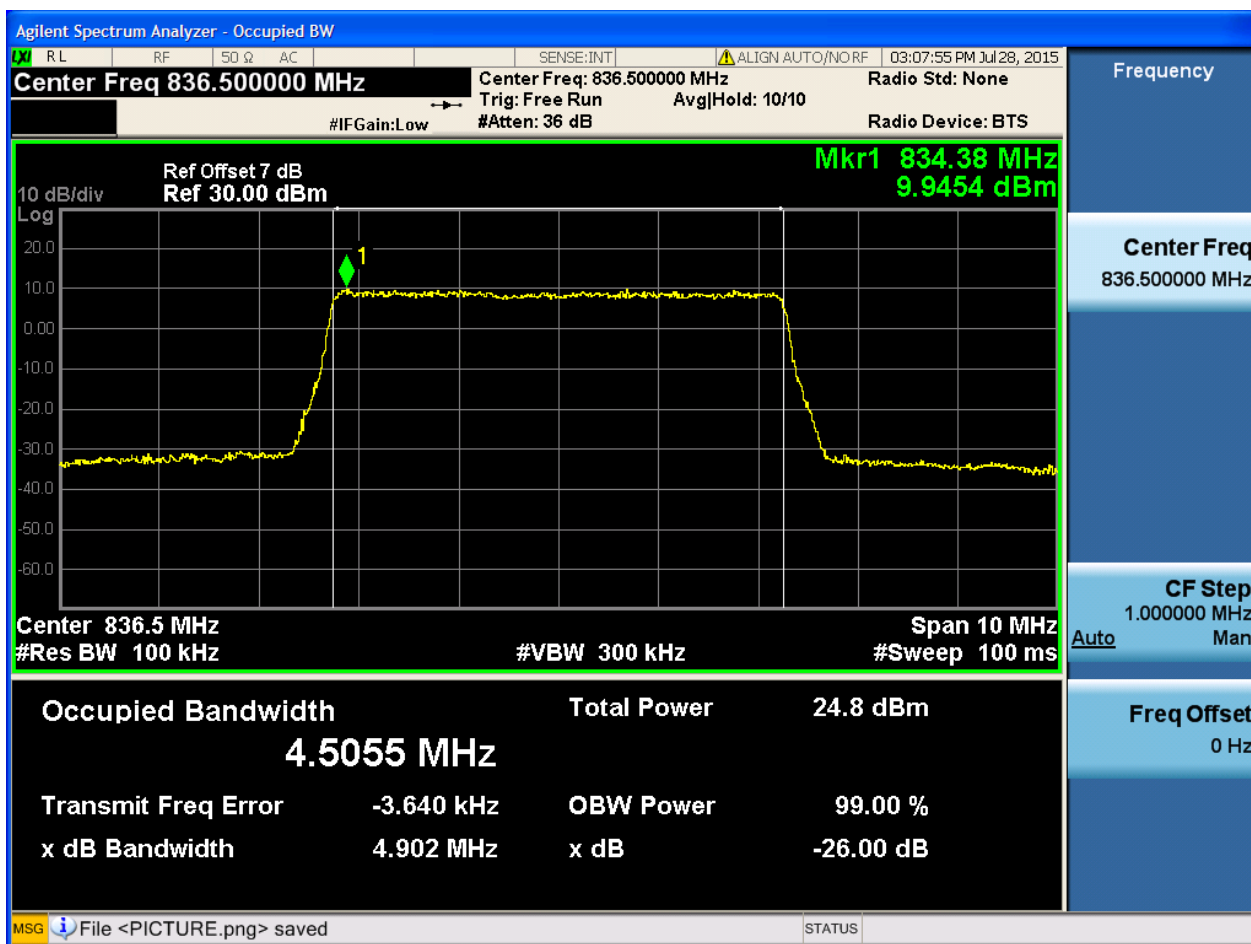
4.1.1.1.3.1 Test Channel = LCH

4.1.1.1.3.1.1 Test RB = RB25#0



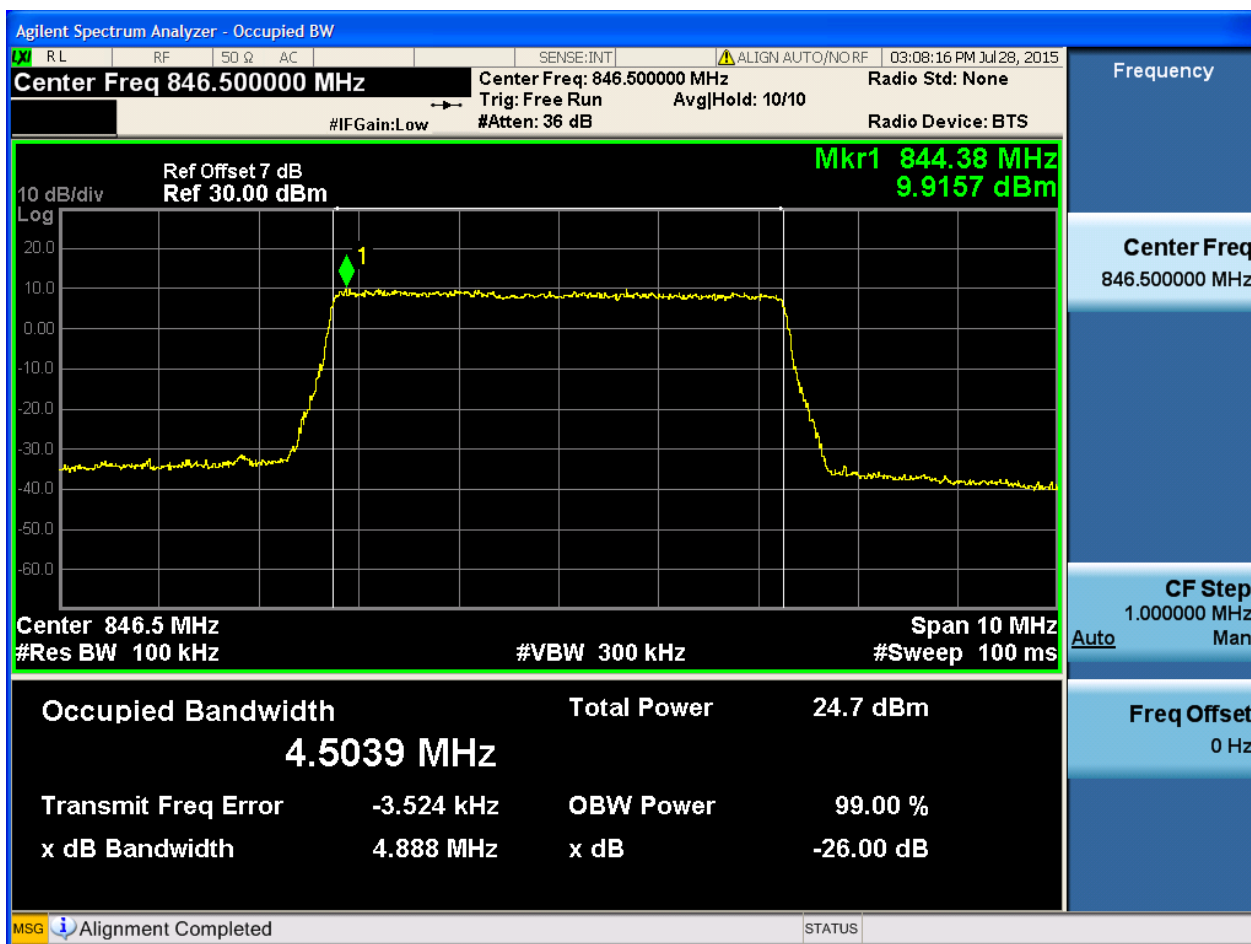
4.1.1.1.3.2 Test Channel = MCH

4.1.1.1.3.2.1 Test RB = RB25#0



4.1.1.1.3.3 Test Channel = HCH

4.1.1.1.3.3.1 Test RB = RB25#0

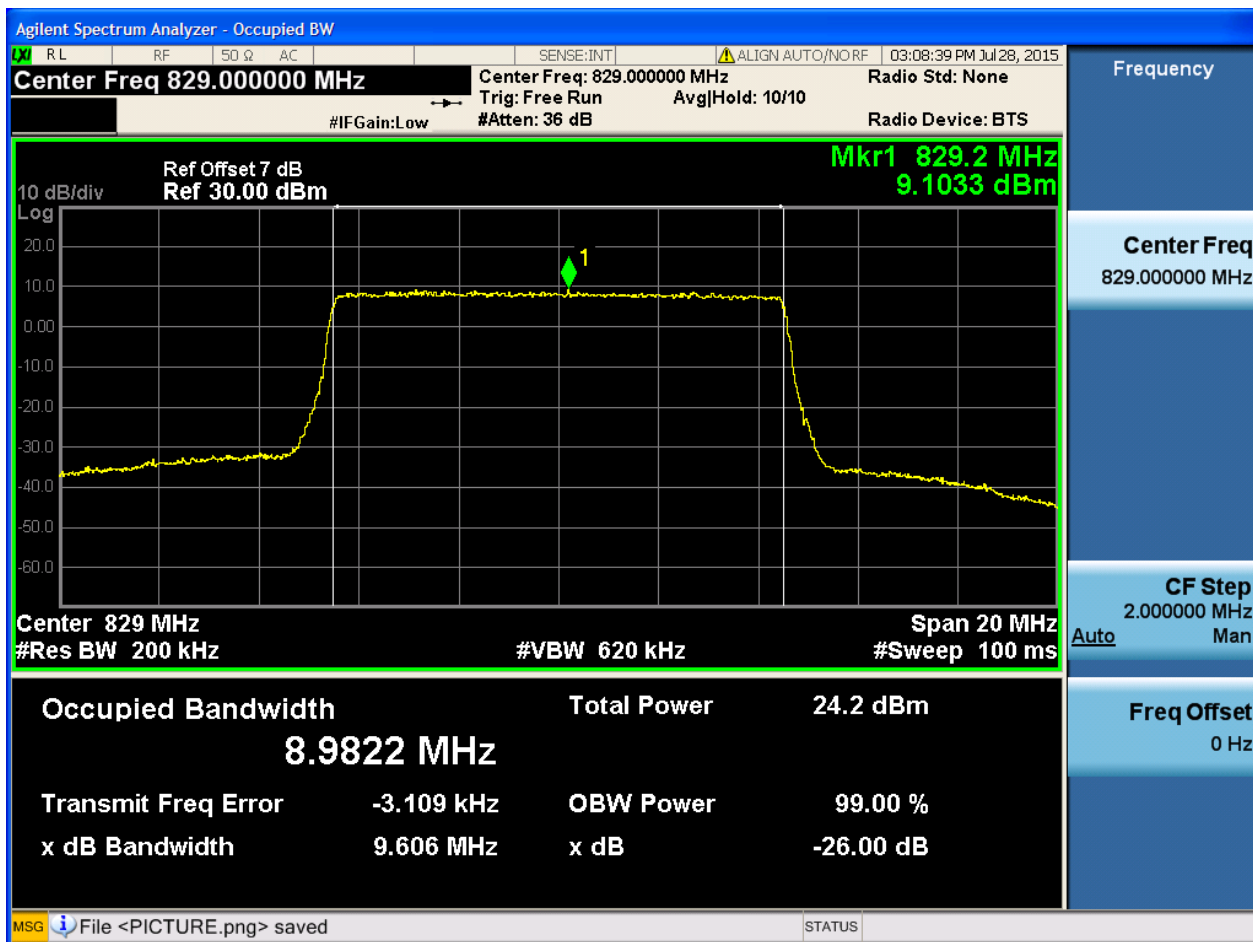




4.1.1.1.4 Test Bandwidth = 10

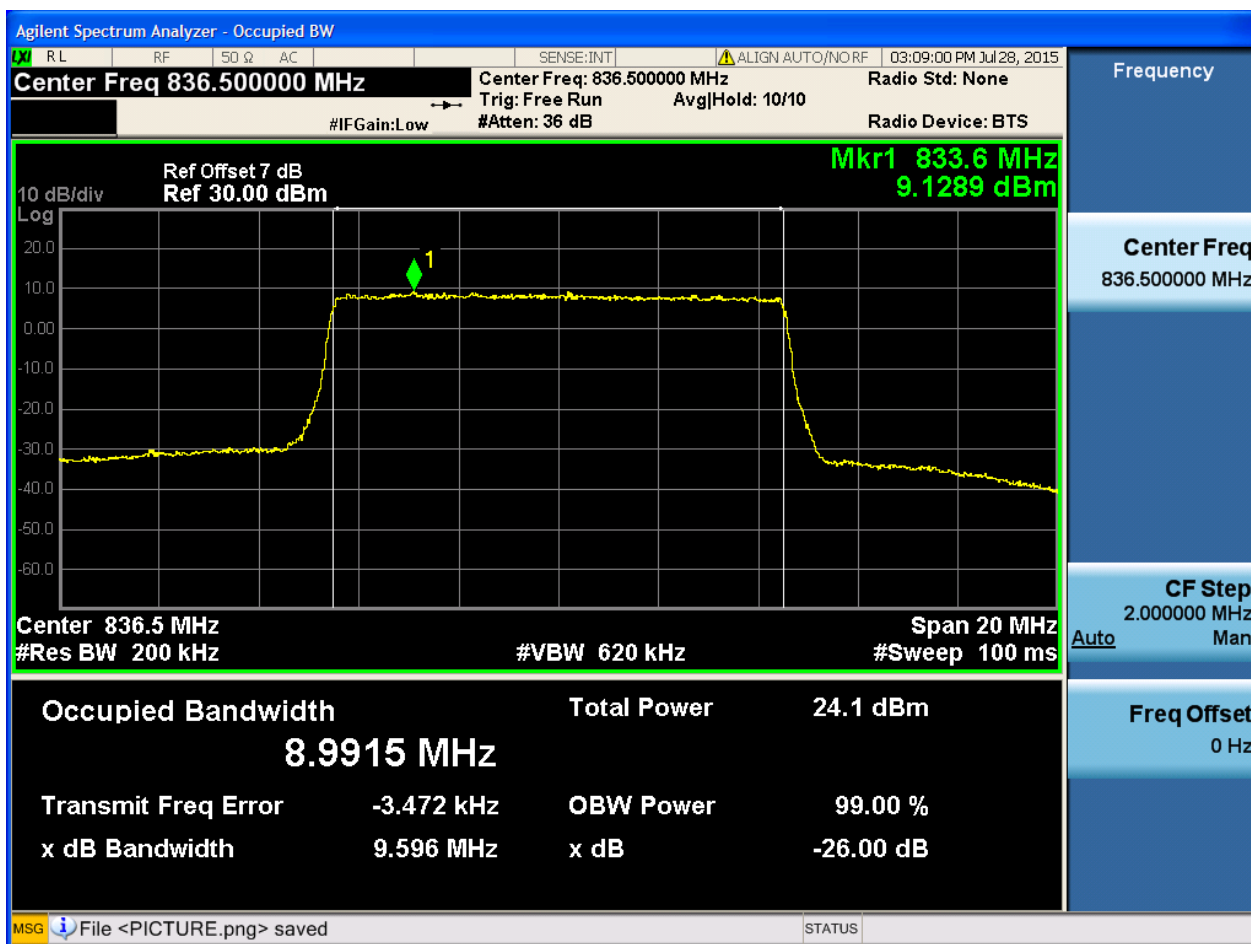
4.1.1.1.4.1 Test Channel = LCH

4.1.1.1.4.1.1 Test RB = RB50#0



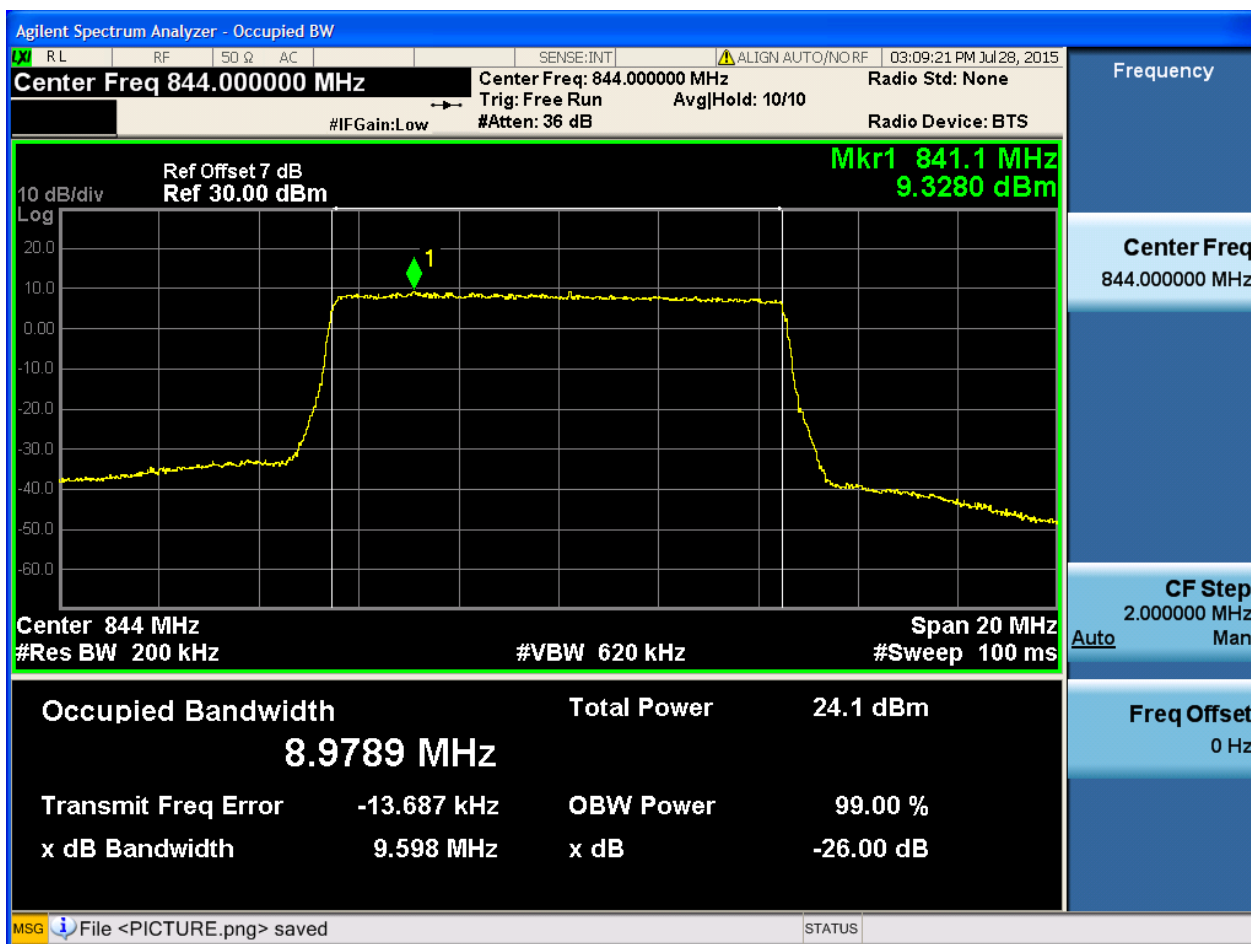
4.1.1.1.4.2 Test Channel = MCH

4.1.1.1.4.2.1 Test RB = RB50#0



4.1.1.1.4.3 Test Channel = HCH

4.1.1.1.4.3.1 Test RB = RB50#0

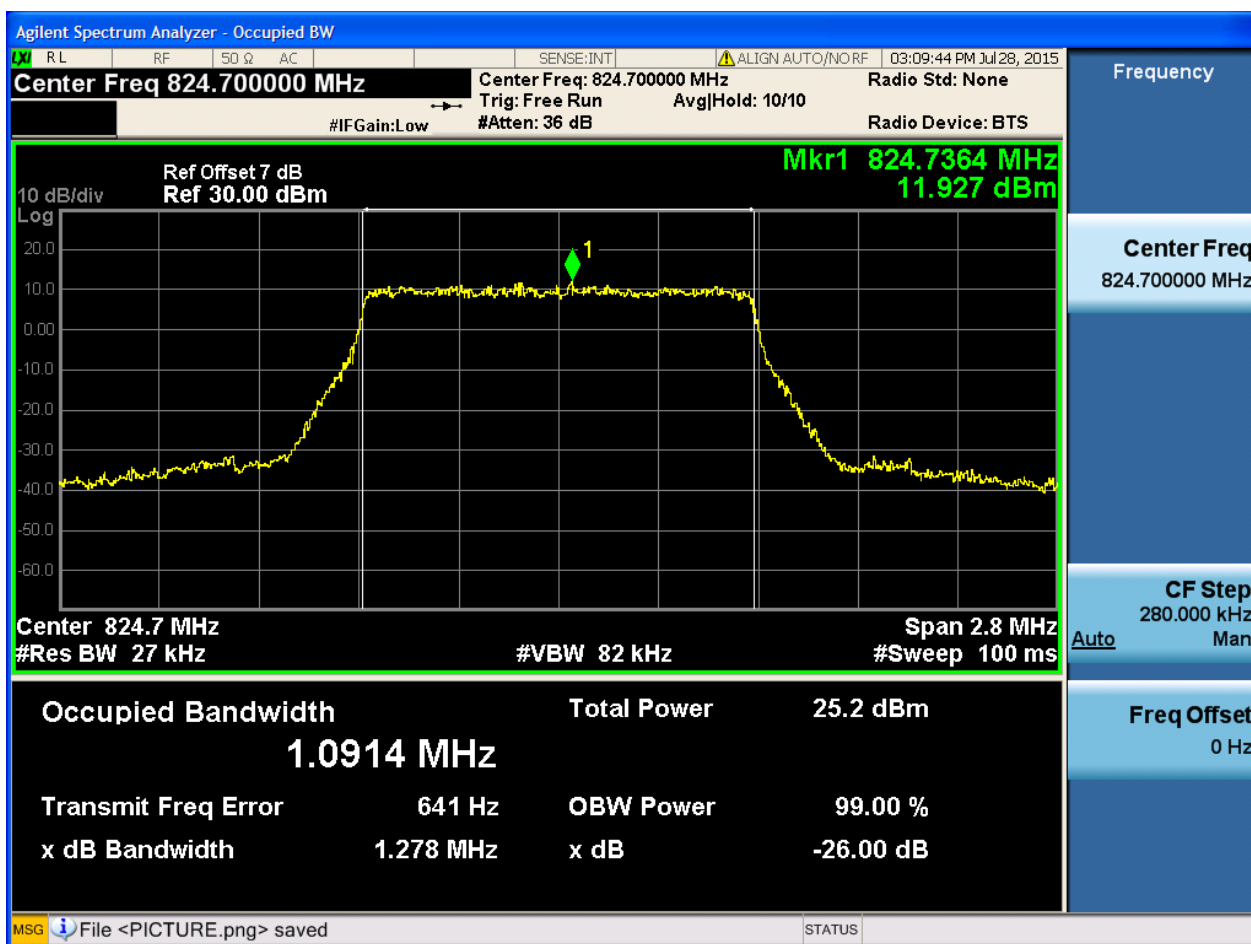


4.1.1.2 Test Mode = LTE/TM2

4.1.1.2.1 Test Bandwidth = 1.4

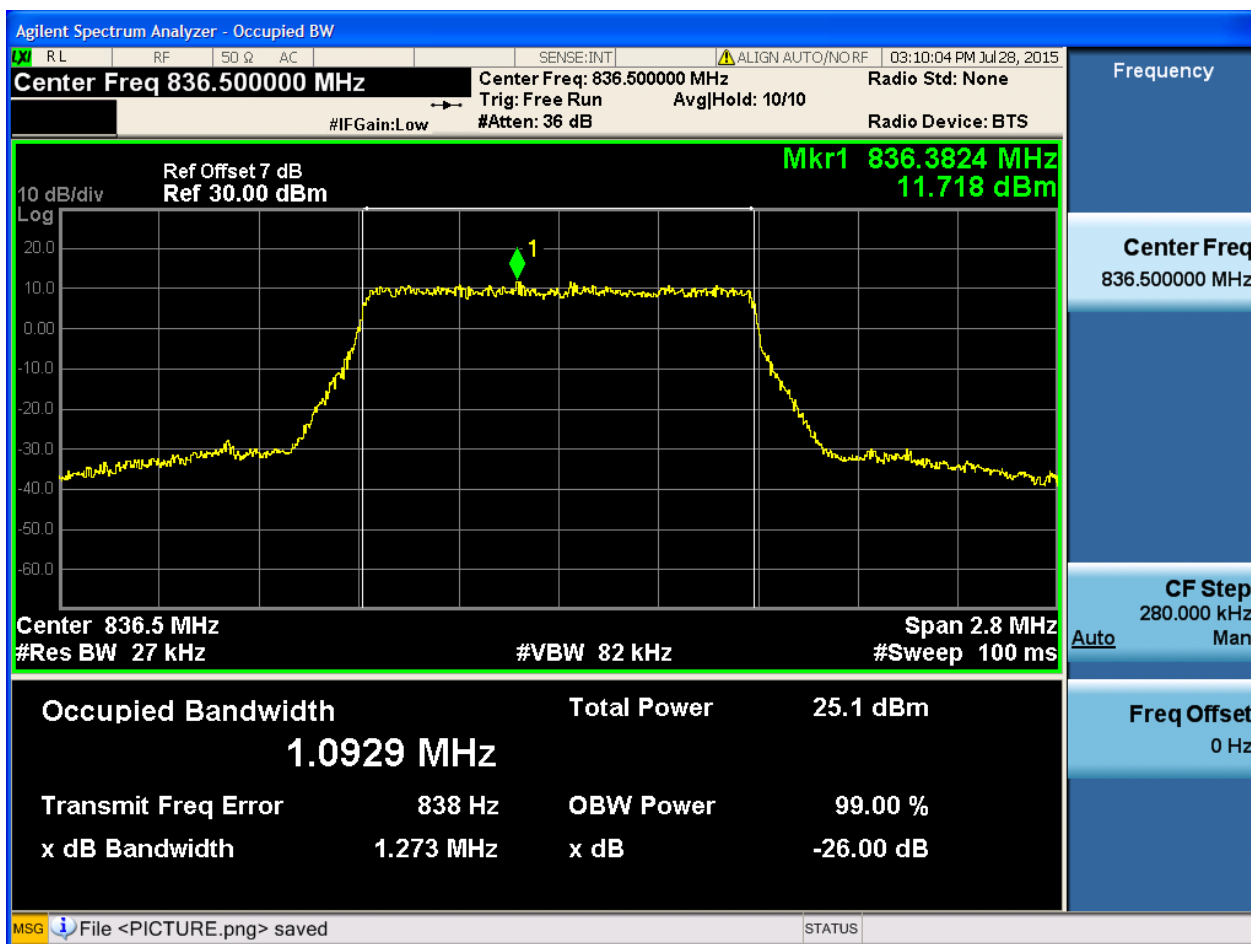
4.1.1.2.1.1 Test Channel = LCH

4.1.1.2.1.1.1 Test RB = RB6#0



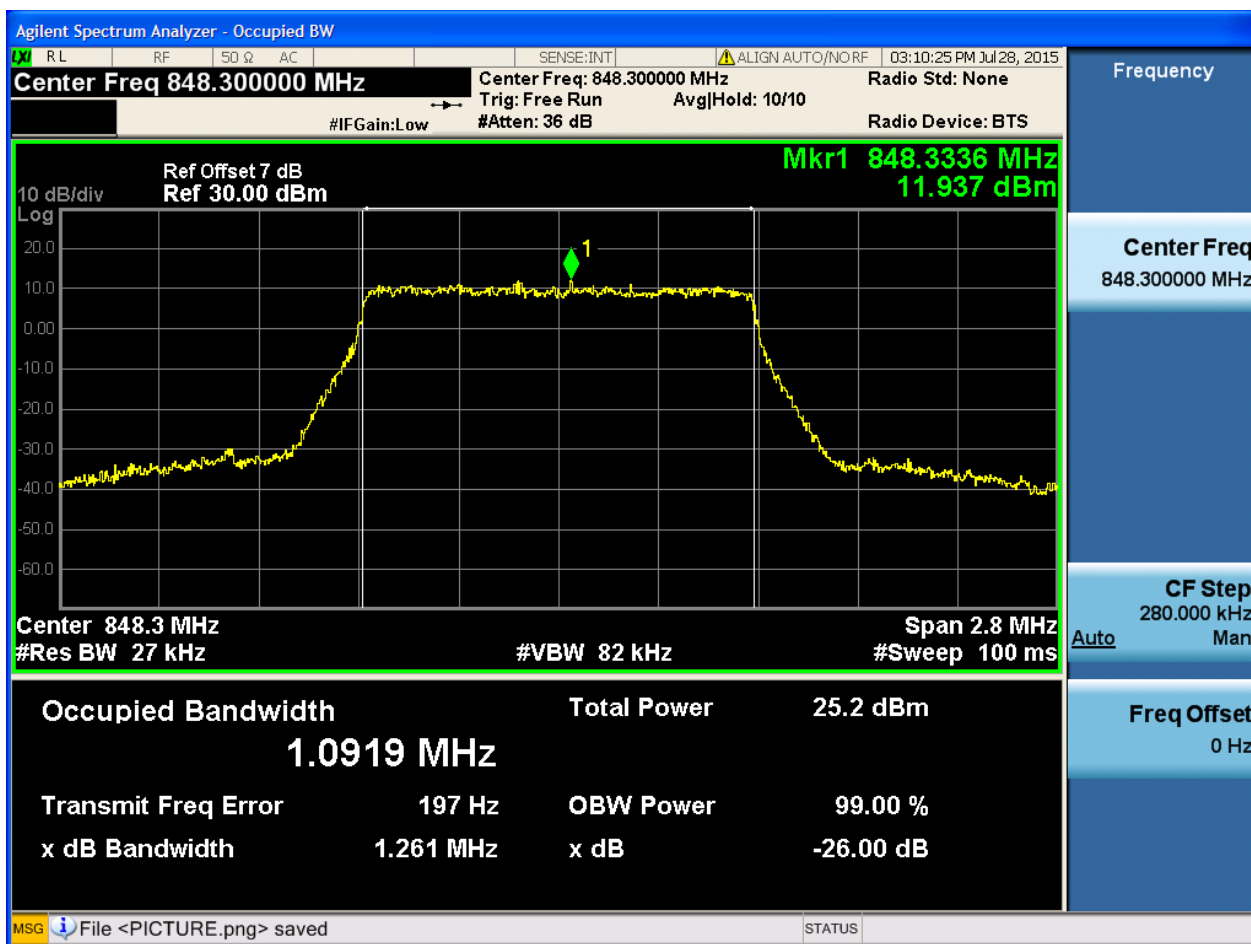
4.1.1.2.1.2 Test Channel = MCH

4.1.1.2.1.2.1 Test RB = RB6#0



4.1.1.2.1.3 Test Channel = HCH

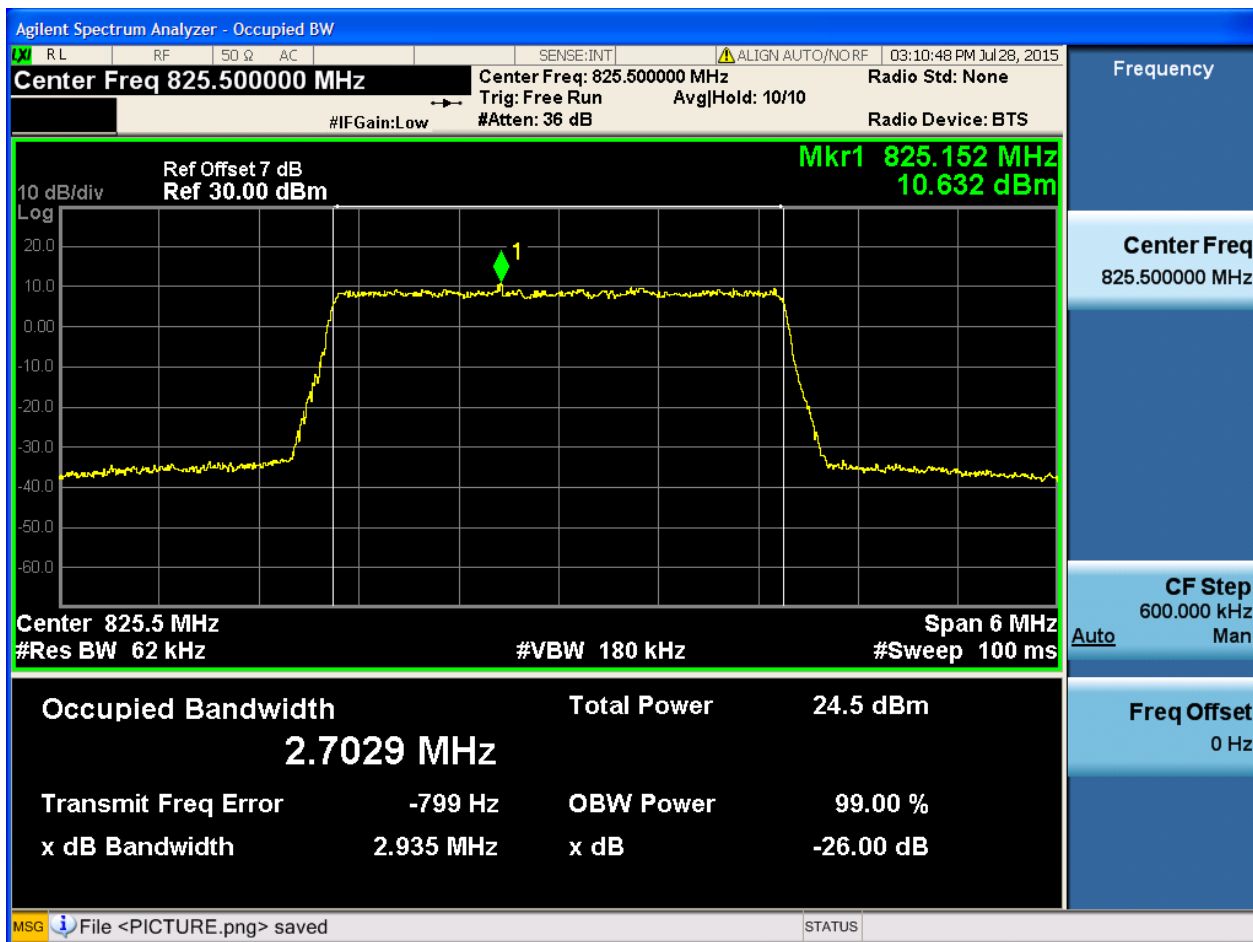
4.1.1.2.1.3.1 Test RB = RB6#0



4.1.1.2.2 Test Bandwidth = 3

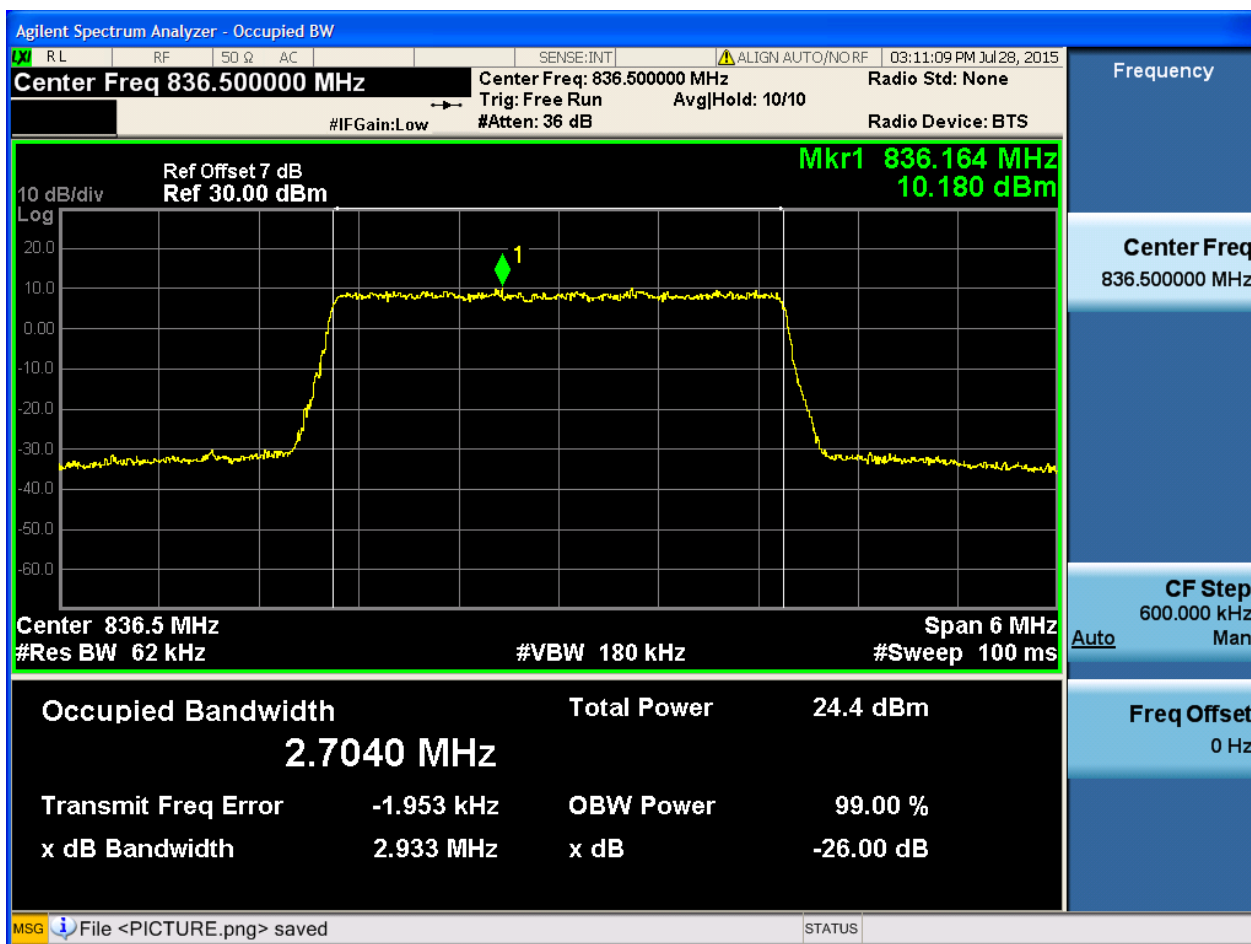
4.1.1.2.2.1 Test Channel = LCH

4.1.1.2.2.1.1 Test RB = RB15#0



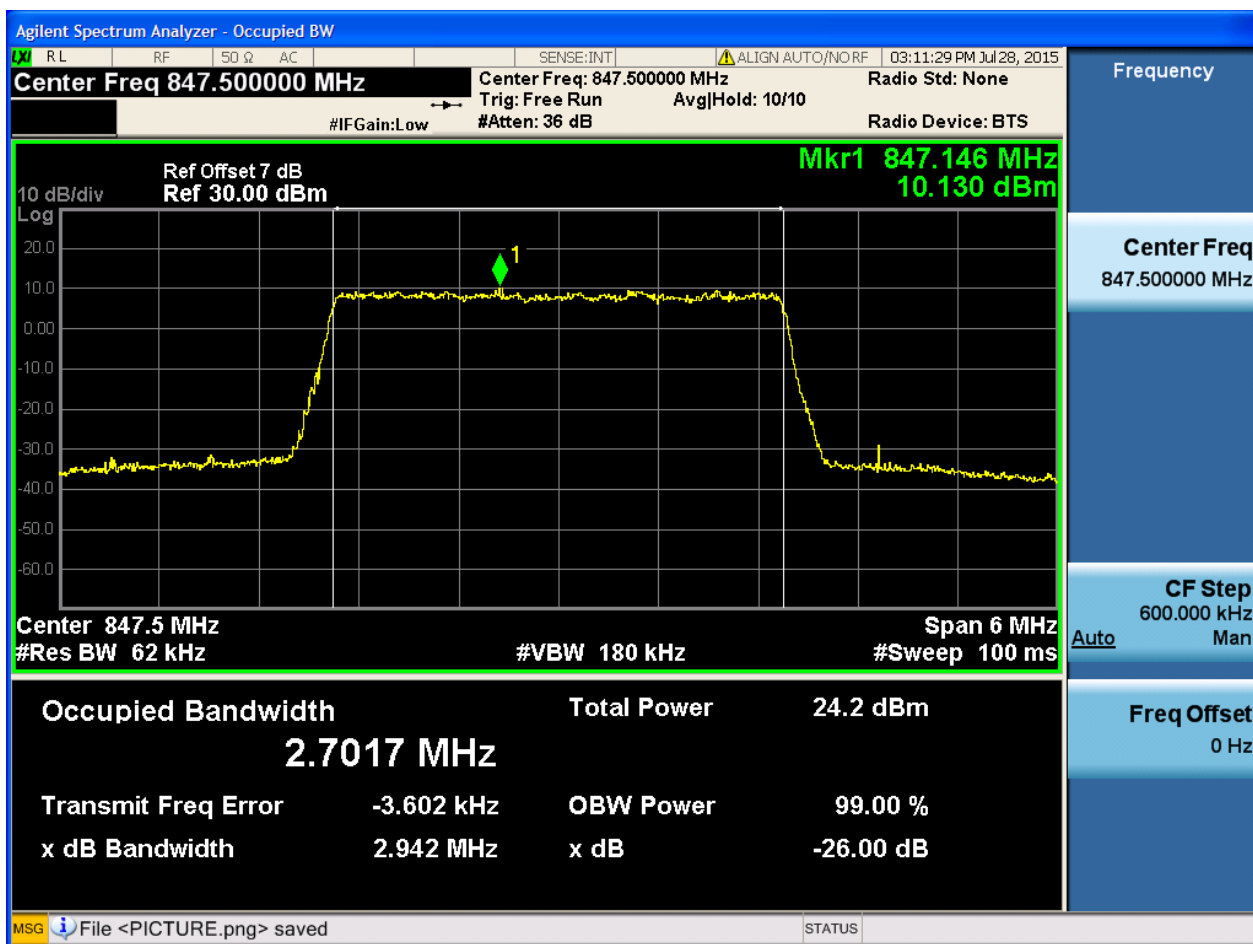
4.1.1.2.2.2 Test Channel = MCH

4.1.1.2.2.2.1 Test RB = RB15#0



4.1.1.2.2.3 Test Channel = HCH

4.1.1.2.2.3.1 Test RB = RB15#0

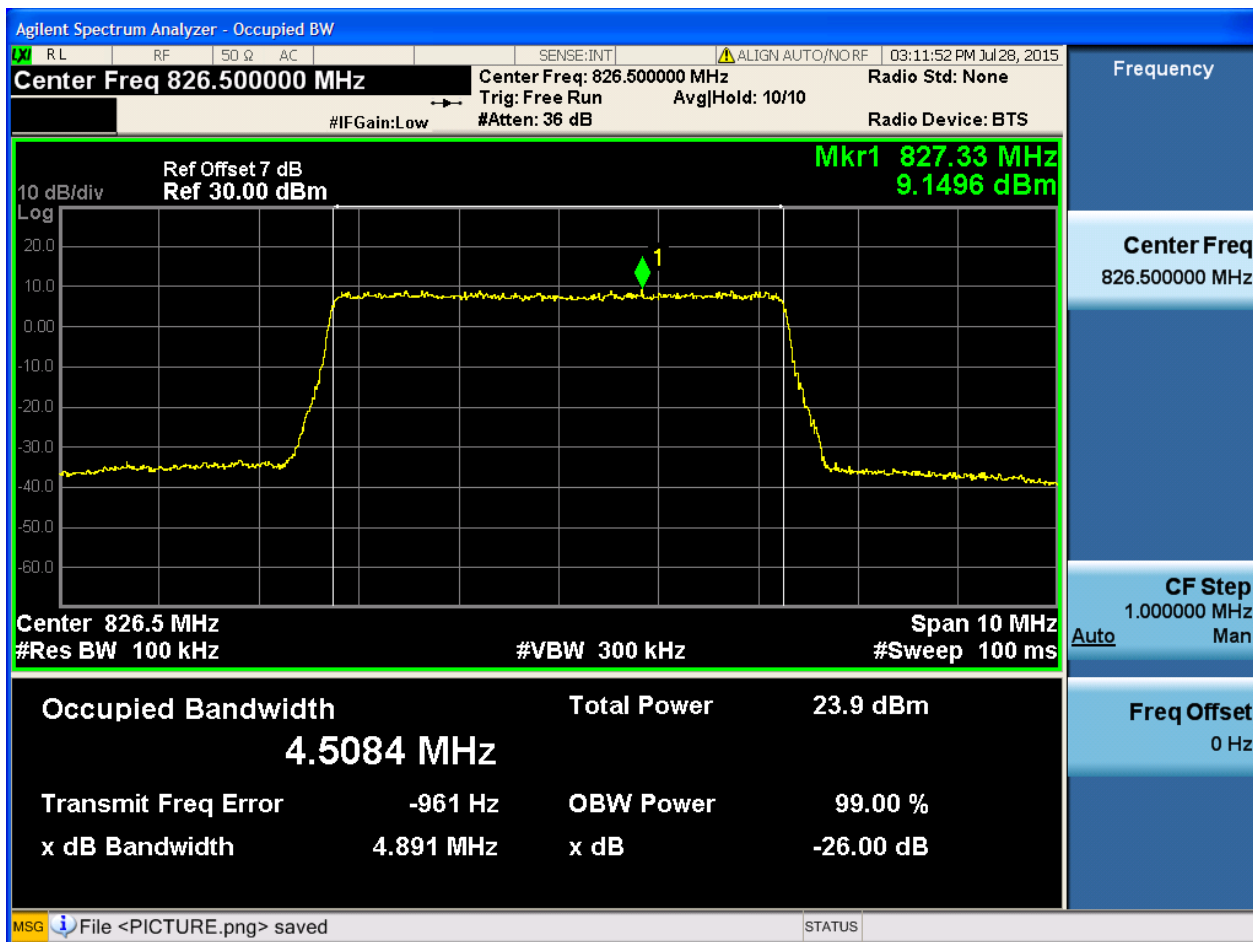




4.1.1.2.3 Test Bandwidth = 5

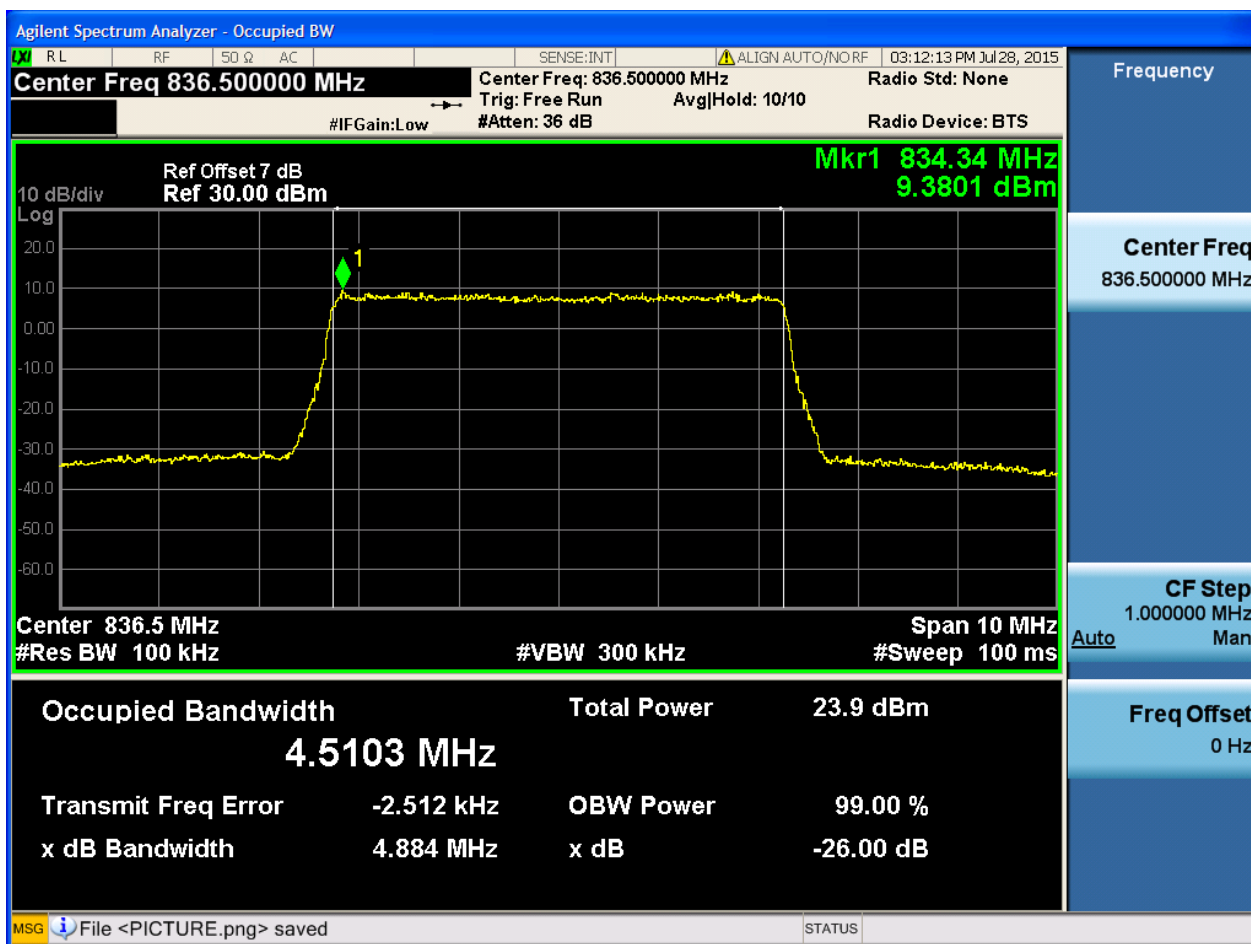
4.1.1.2.3.1 Test Channel = LCH

4.1.1.2.3.1.1 Test RB = RB25#0



4.1.1.2.3.2 Test Channel = MCH

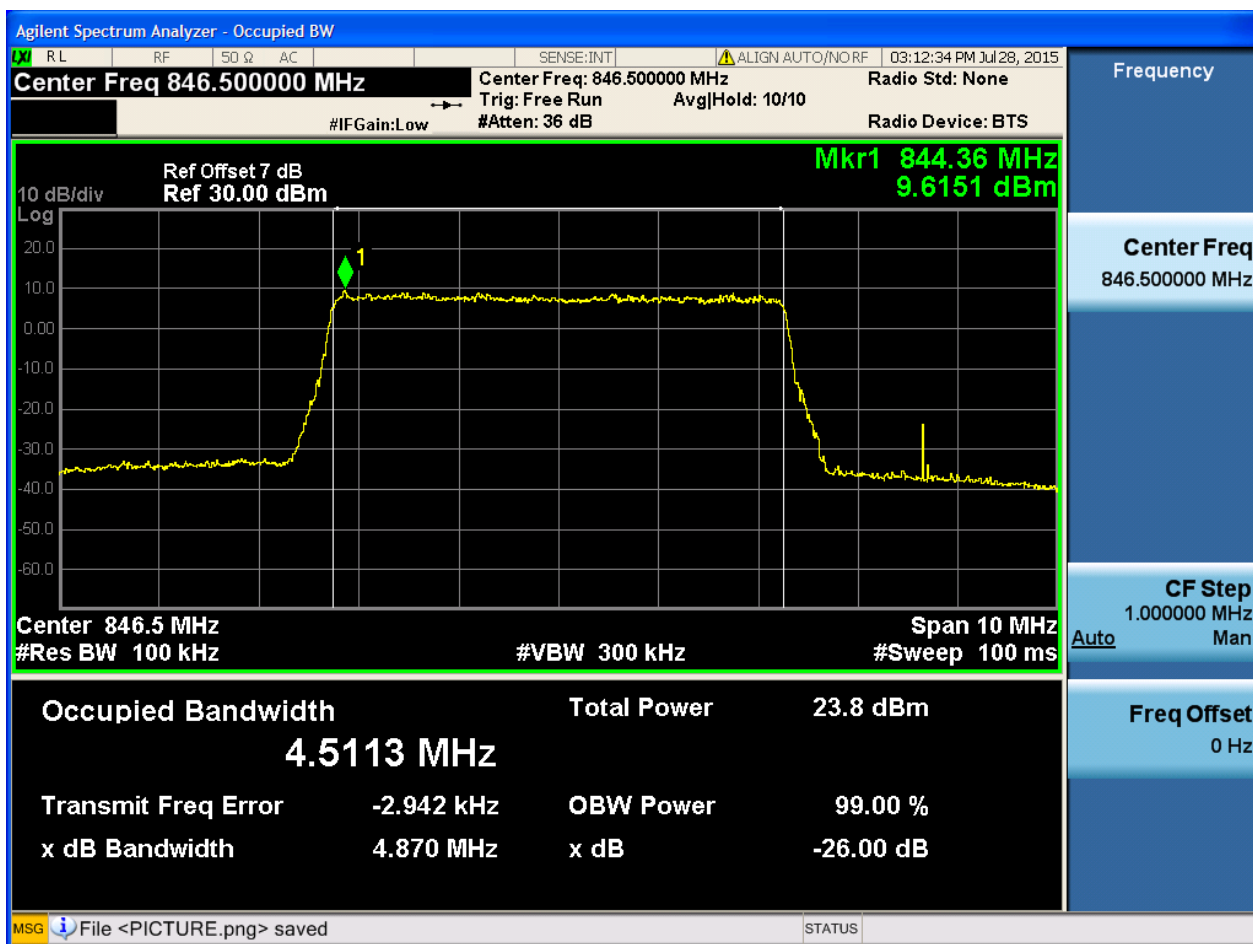
4.1.1.2.3.2.1 Test RB = RB25#0





4.1.1.2.3.3 Test Channel = HCH

4.1.1.2.3.3.1 Test RB = RB25#0

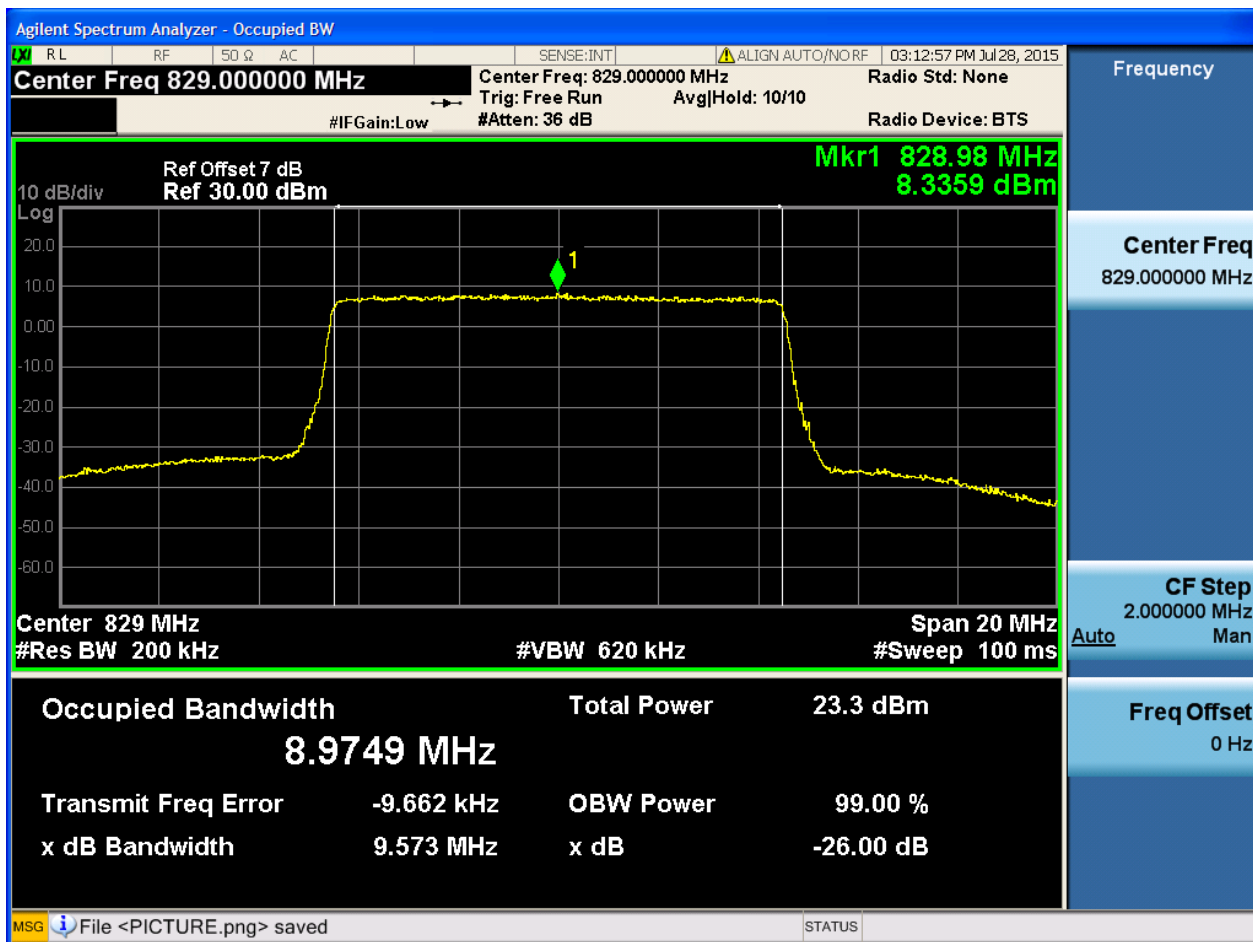




4.1.1.2.4 Test Bandwidth = 10

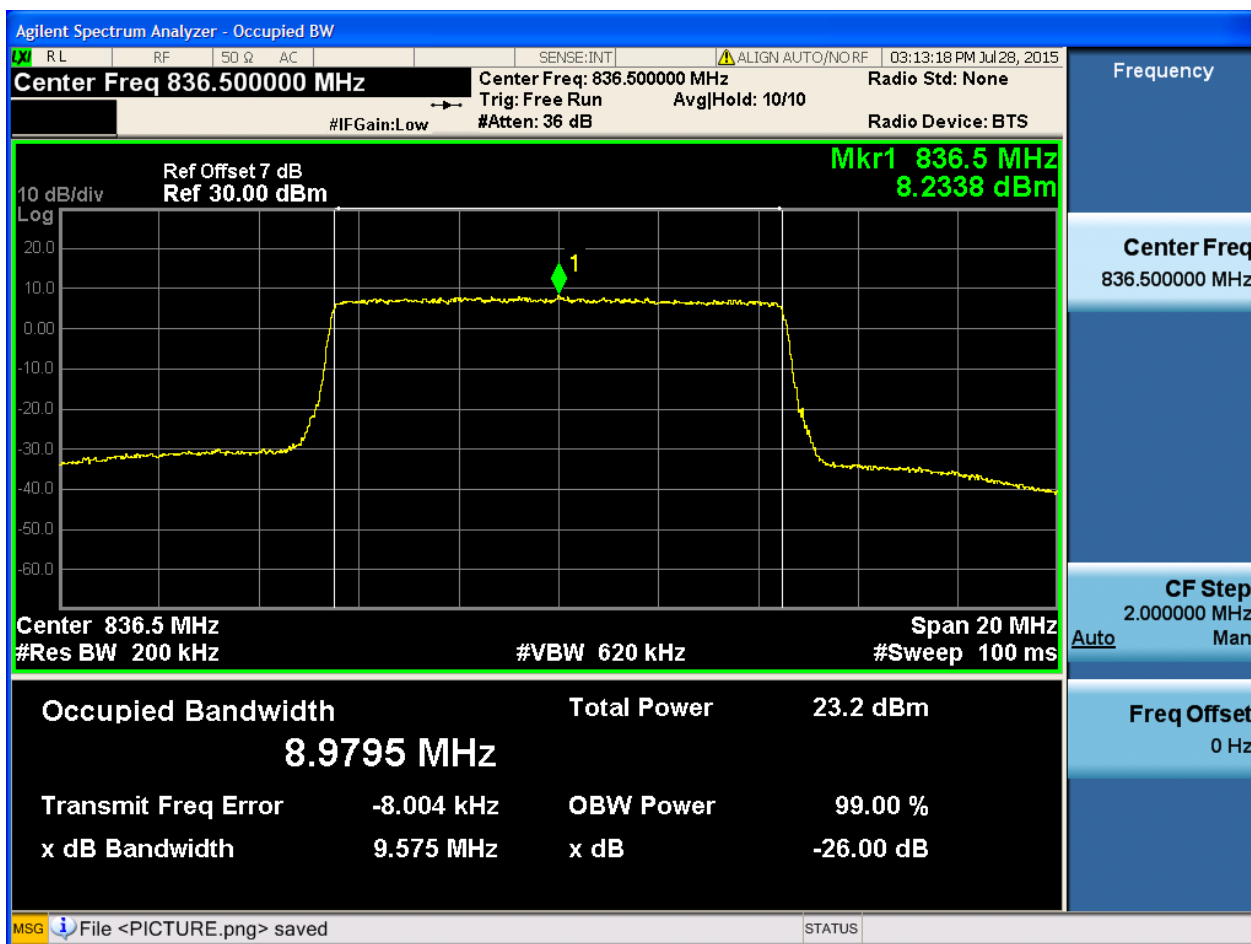
4.1.1.2.4.1 Test Channel = LCH

4.1.1.2.4.1.1 Test RB = RB50#0



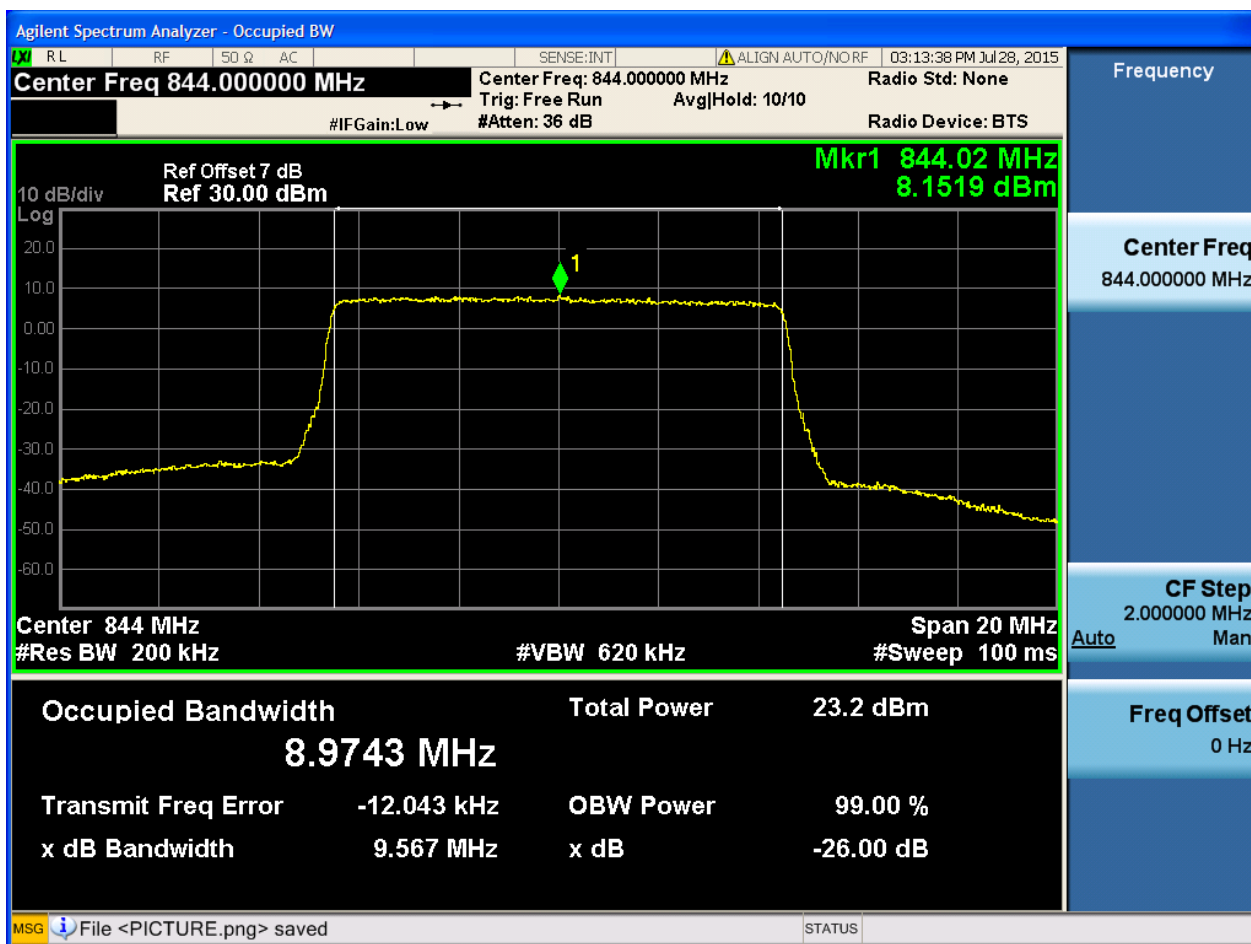
4.1.1.2.4.2 Test Channel = MCH

4.1.1.2.4.2.1 Test RB = RB50#0



4.1.1.2.4.3 Test Channel = HCH

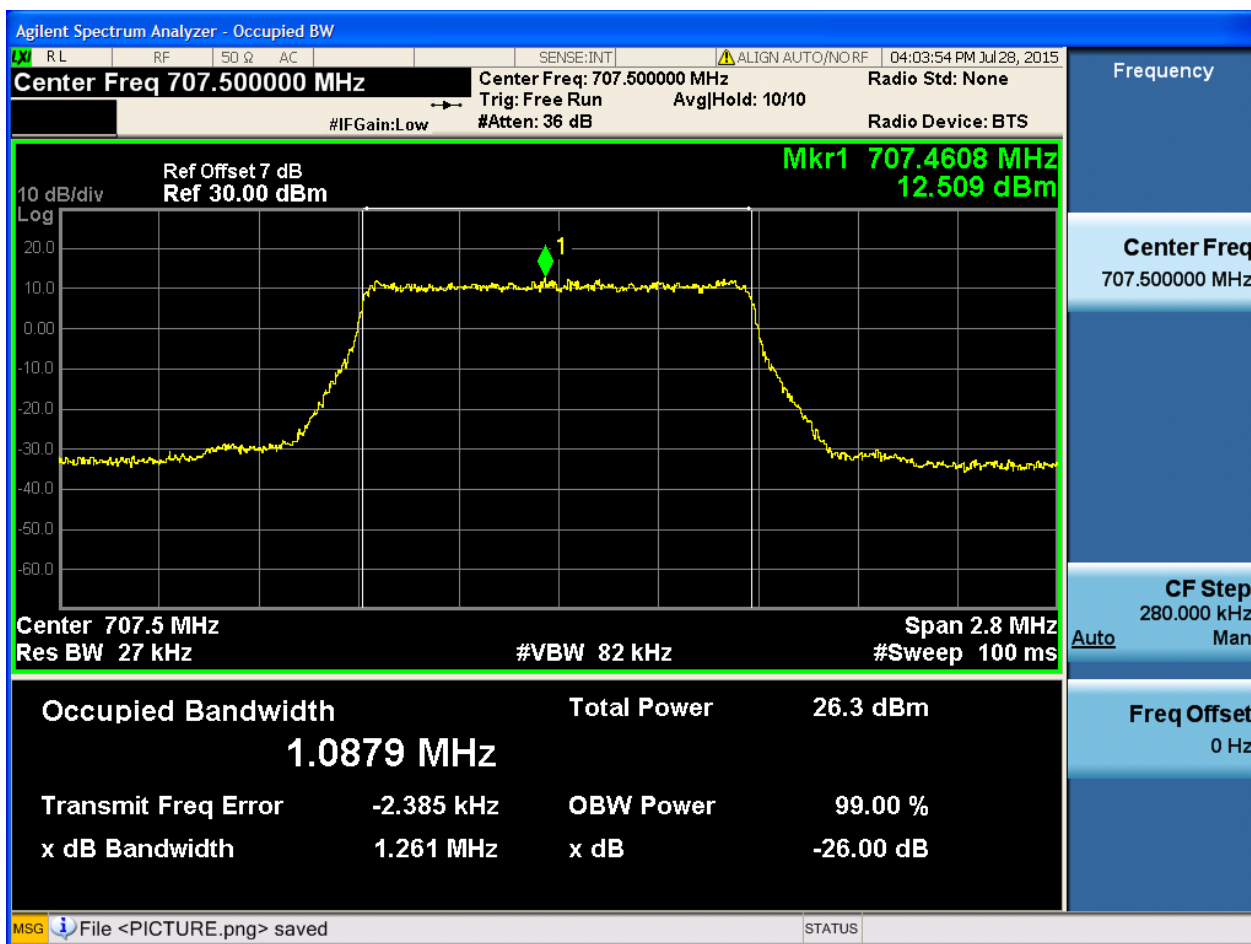
4.1.1.2.4.3.1 Test RB = RB50#0





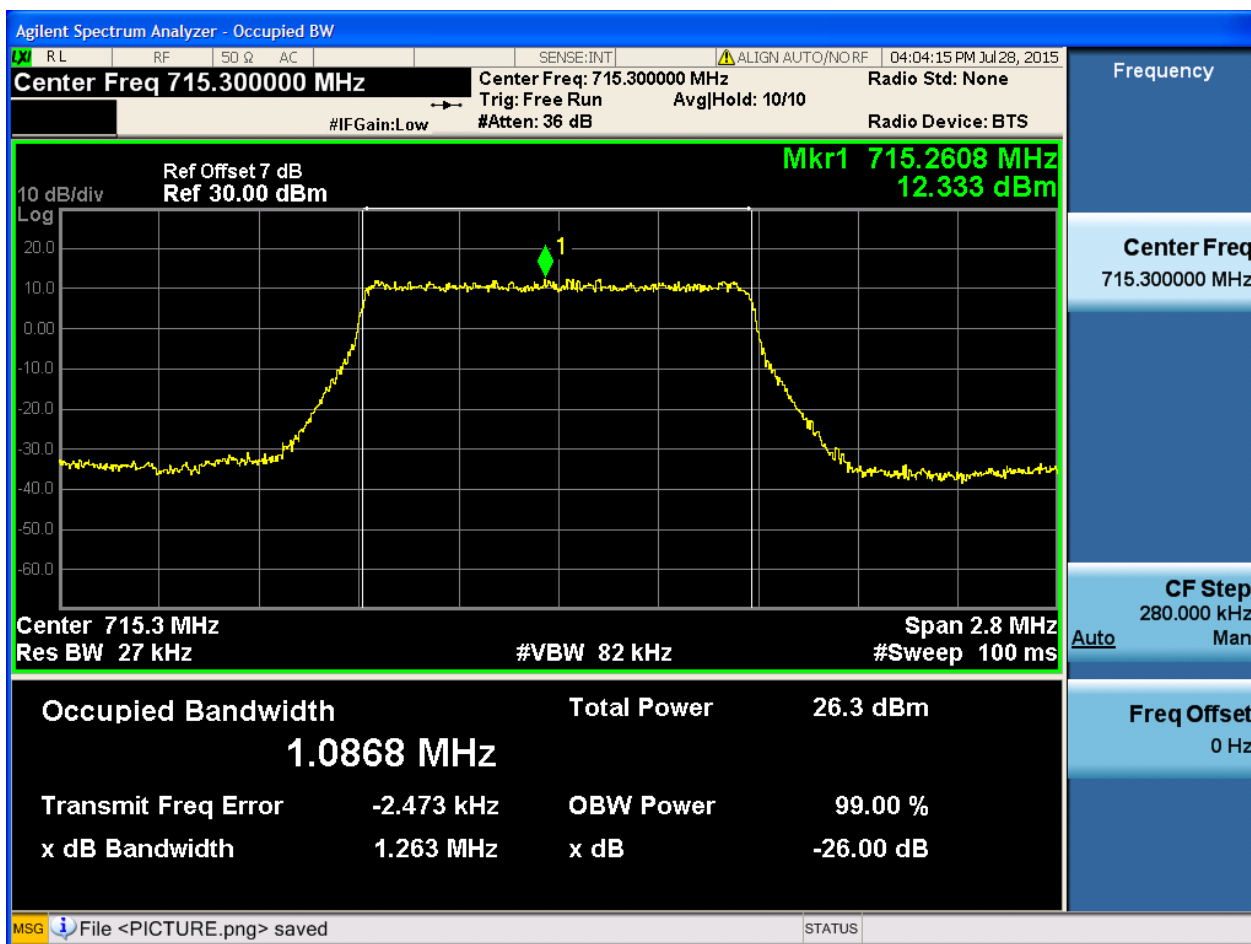
4.1.2.1.1.2 Test Channel = MCH

4.1.2.1.1.2.1 Test RB = RB6#0



4.1.2.1.1.3 Test Channel = HCH

4.1.2.1.1.3.1 Test RB = RB6#0

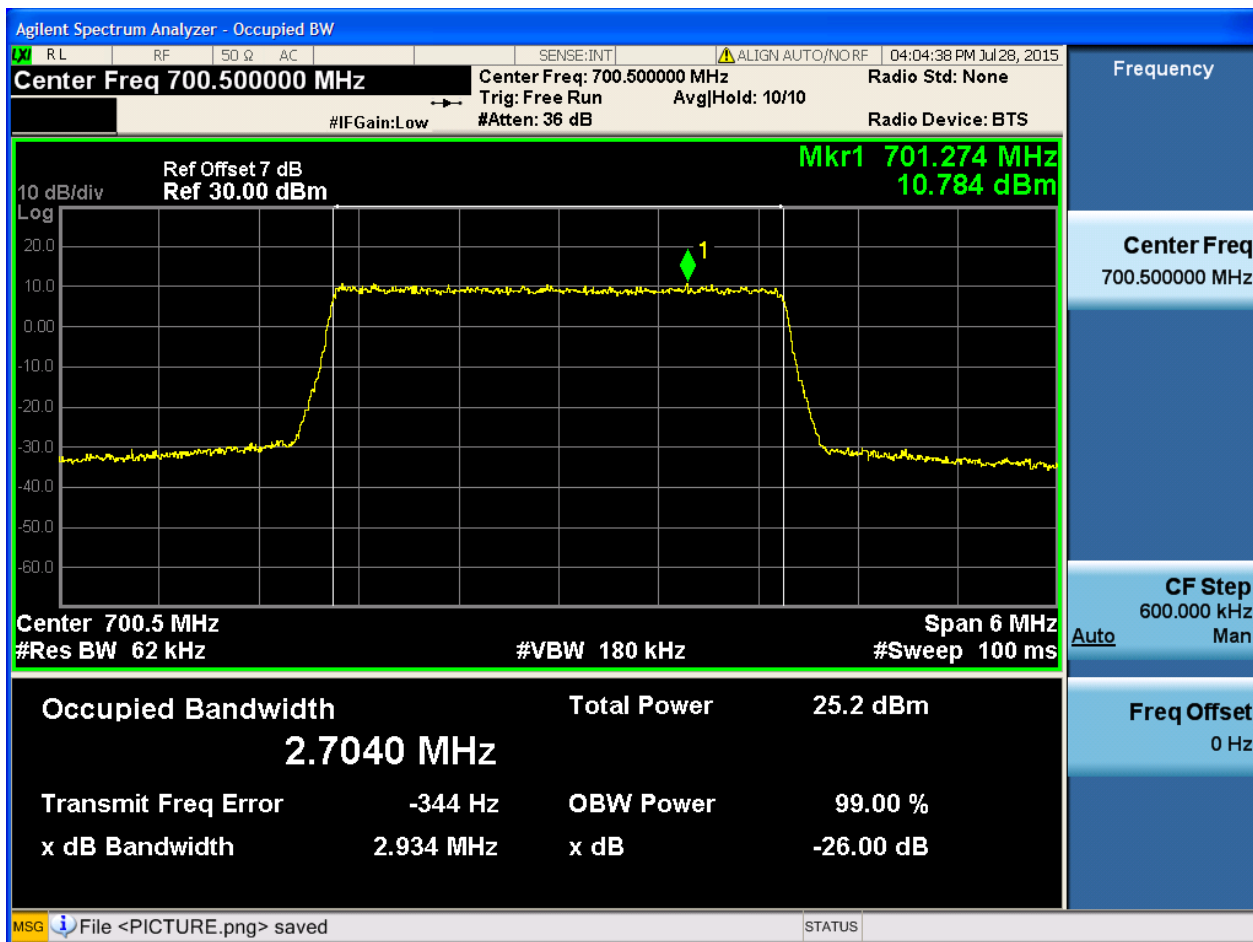




4.1.2.1.2 Test Bandwidth = 3

4.1.2.1.2.1 Test Channel = LCH

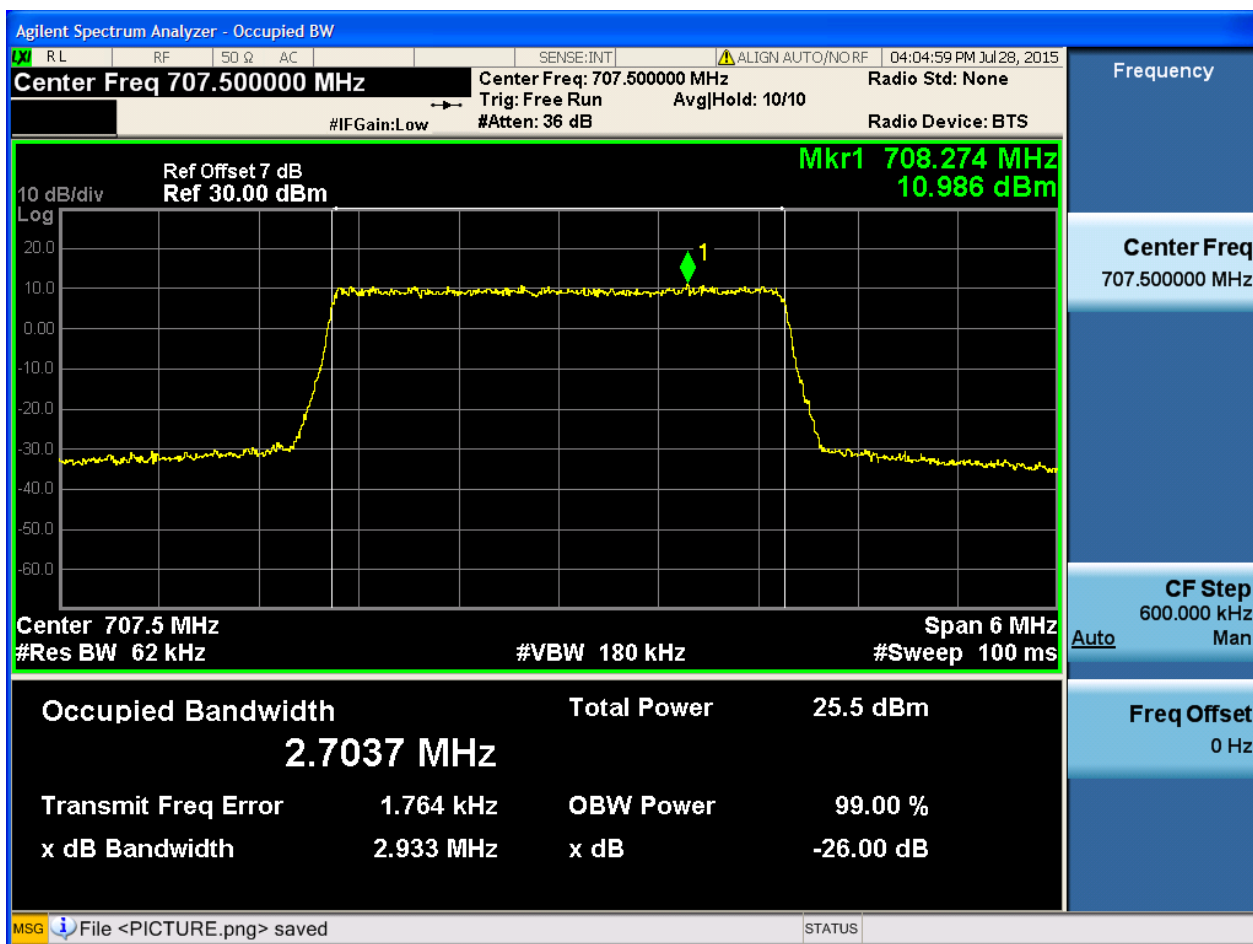
4.1.2.1.2.1.1 Test RB = RB15#0





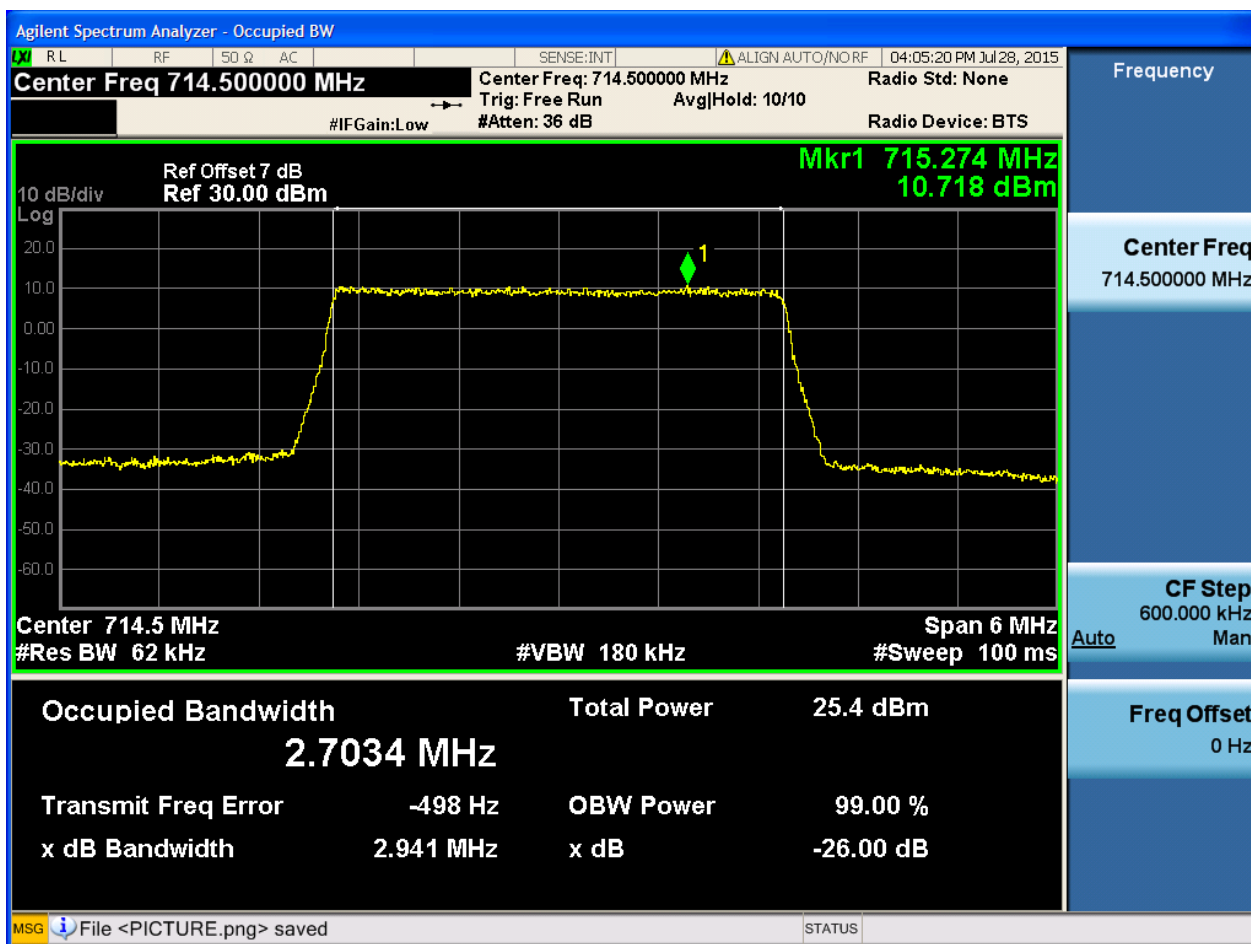
4.1.2.1.2.2 Test Channel = MCH

4.1.2.1.2.2.1 Test RB = RB15#0



4.1.2.1.2.3 Test Channel = HCH

4.1.2.1.2.3.1 Test RB = RB15#0

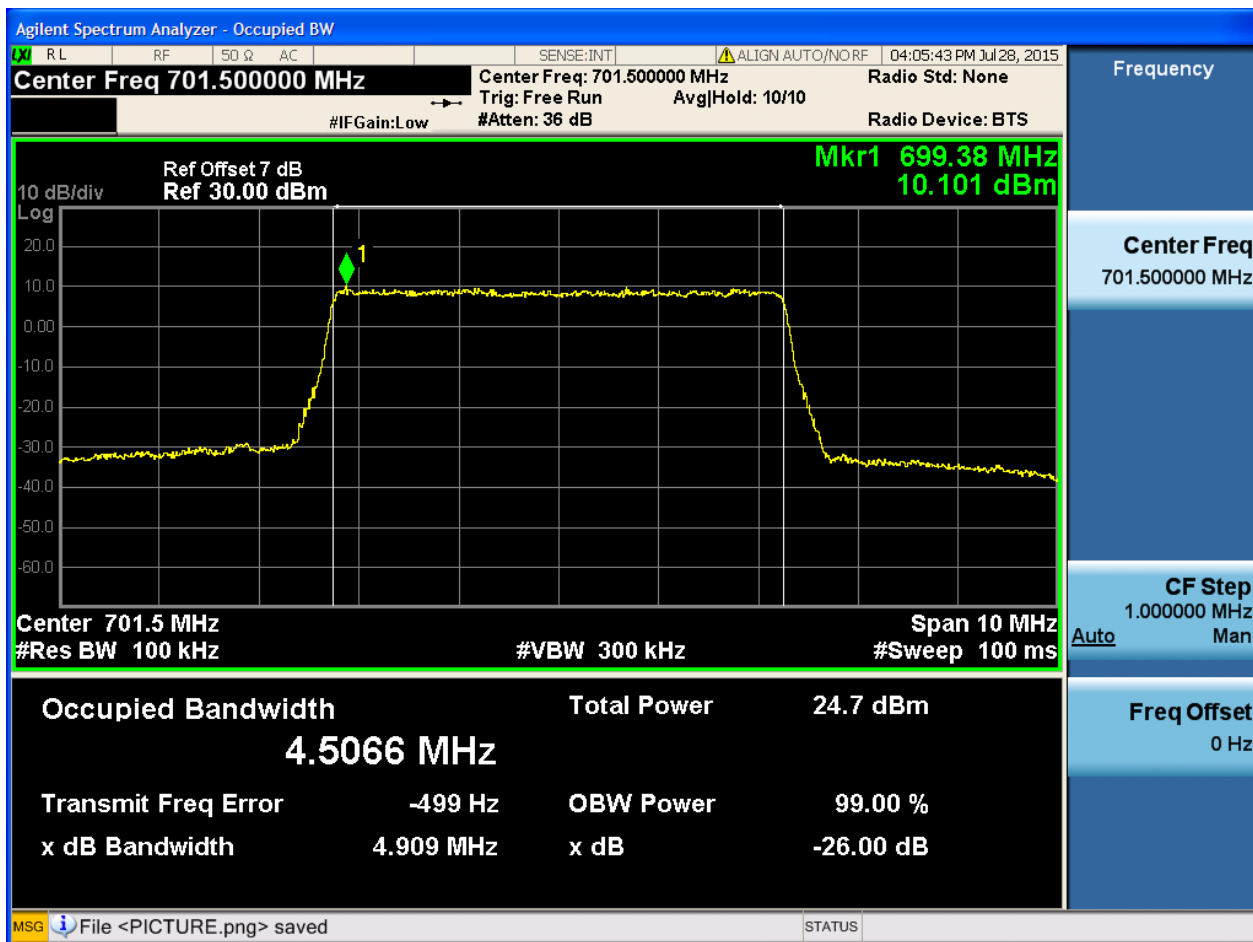




4.1.2.1.3 Test Bandwidth = 5

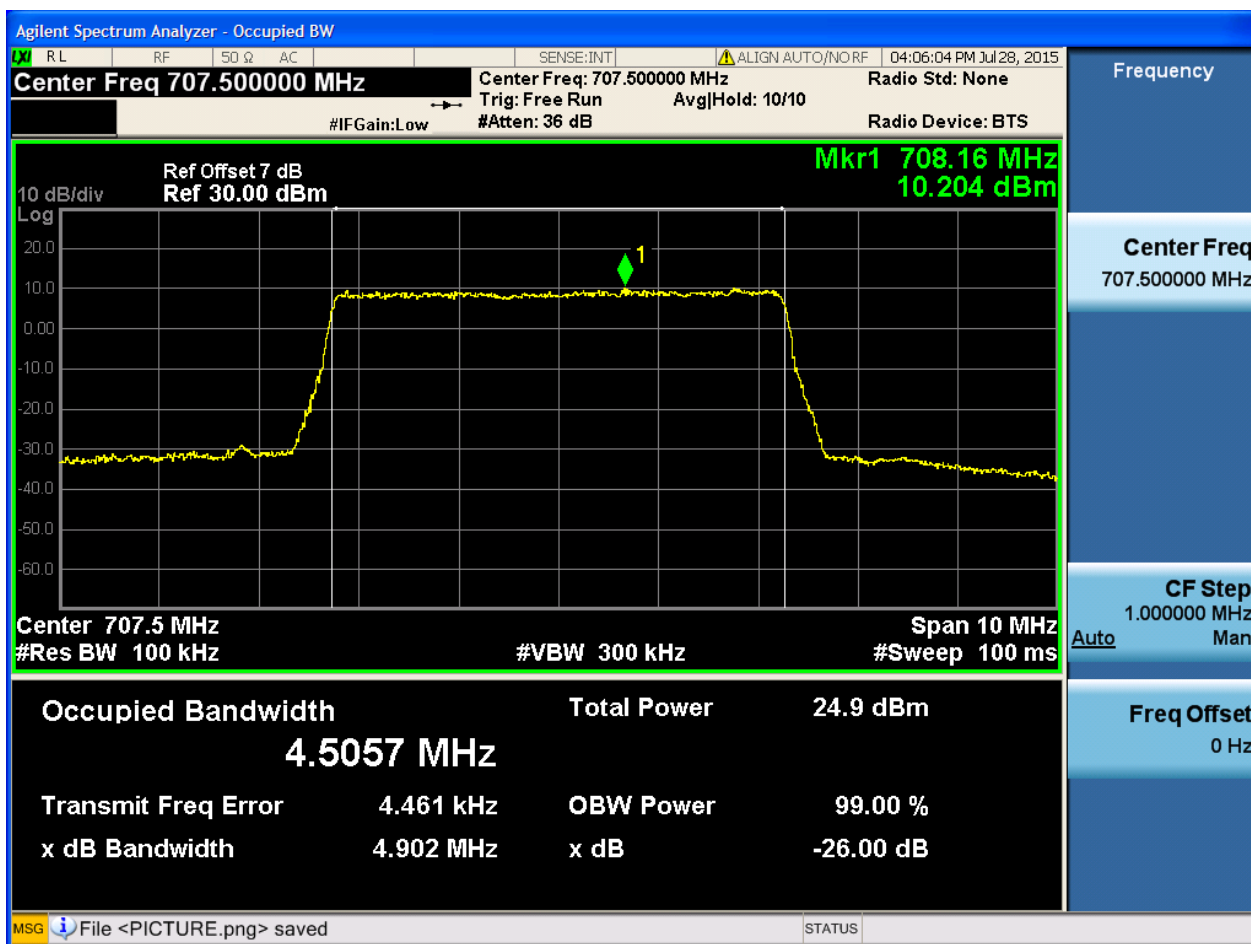
4.1.2.1.3.1 Test Channel = LCH

4.1.2.1.3.1.1 Test RB = RB25#0



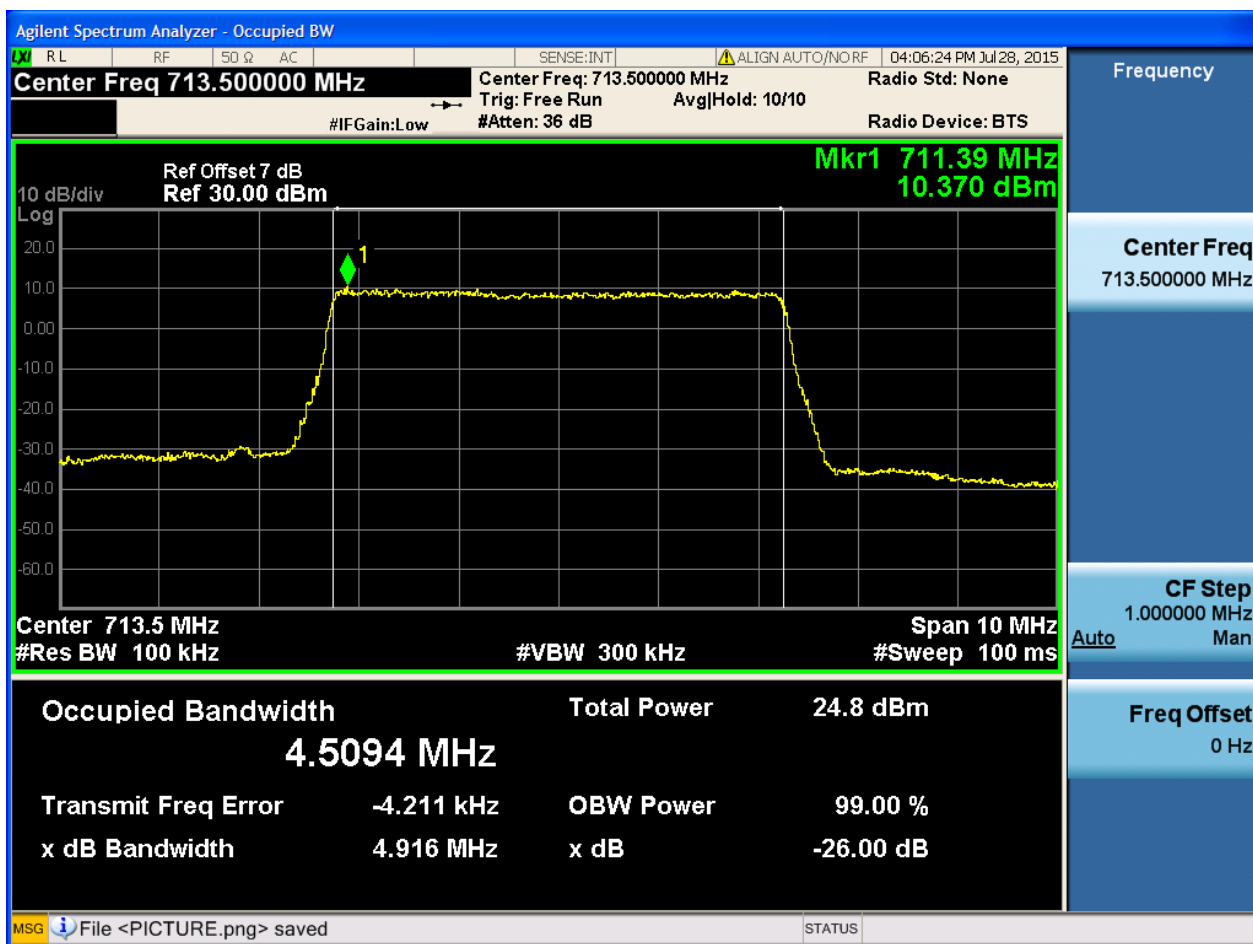
4.1.2.1.3.2 Test Channel = MCH

4.1.2.1.3.2.1 Test RB = RB25#0



4.1.2.1.3.3 Test Channel = HCH

4.1.2.1.3.3.1 Test RB = RB25#0

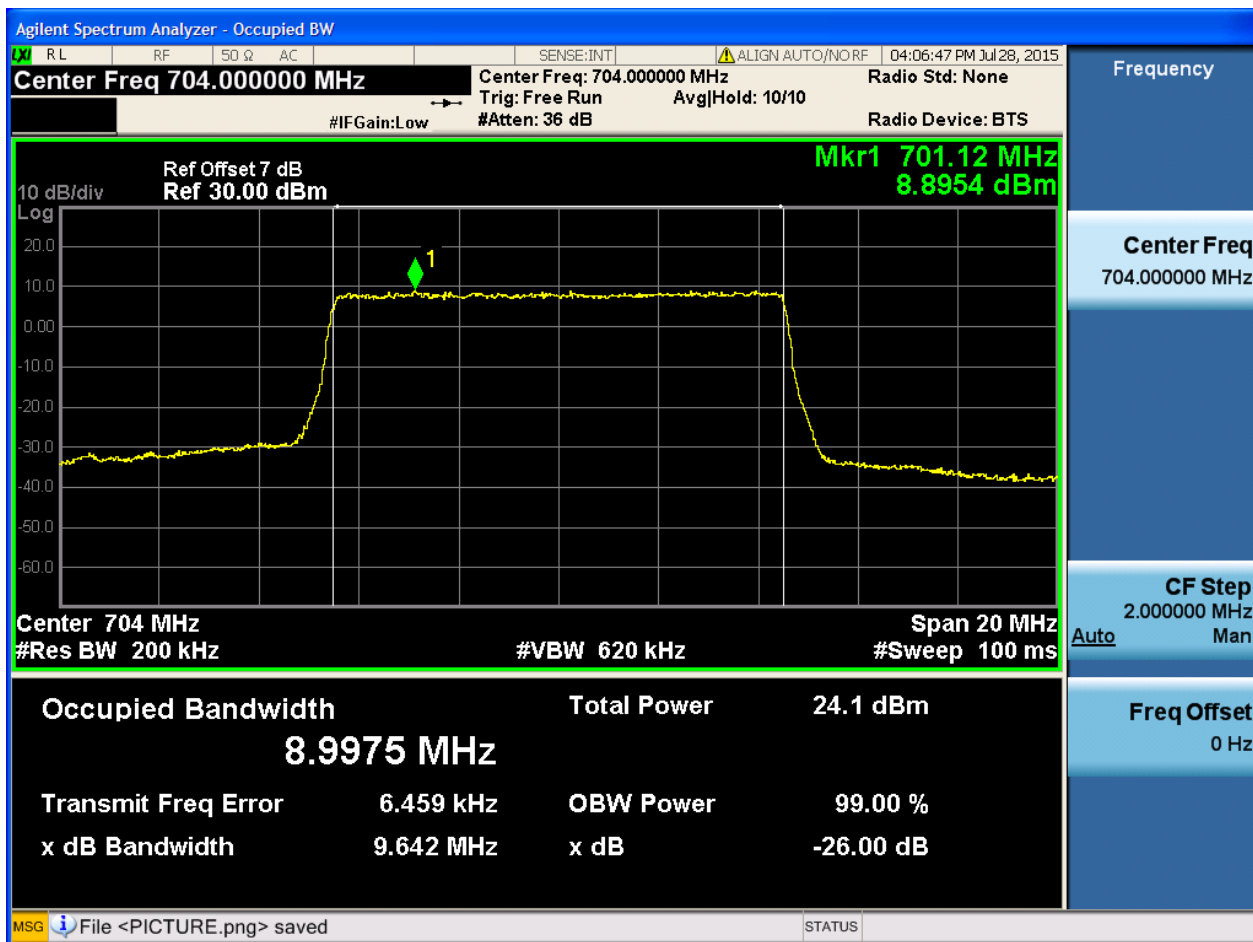




4.1.2.1.4 Test Bandwidth = 10

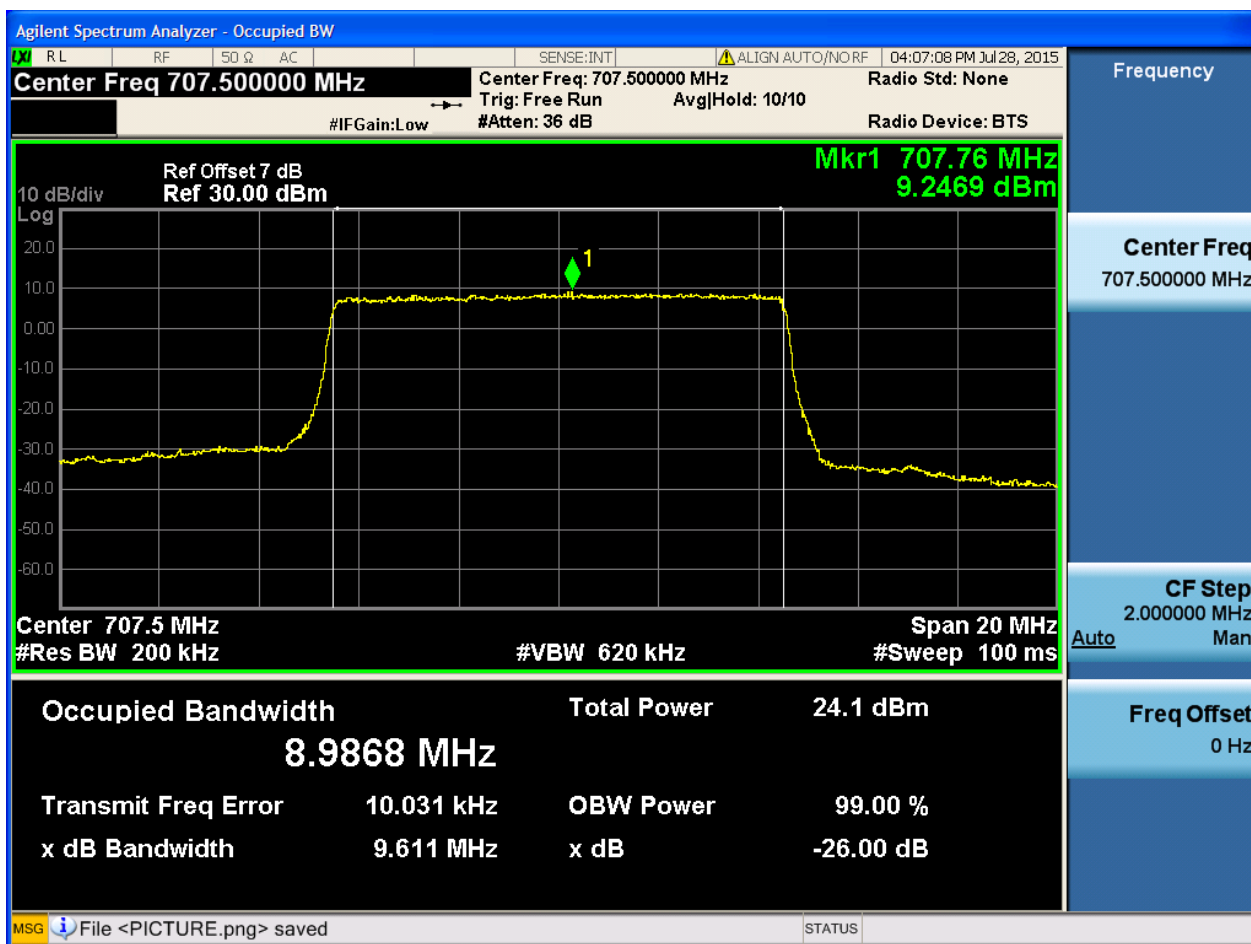
4.1.2.1.4.1 Test Channel = LCH

4.1.2.1.4.1.1 Test RB = RB50#0



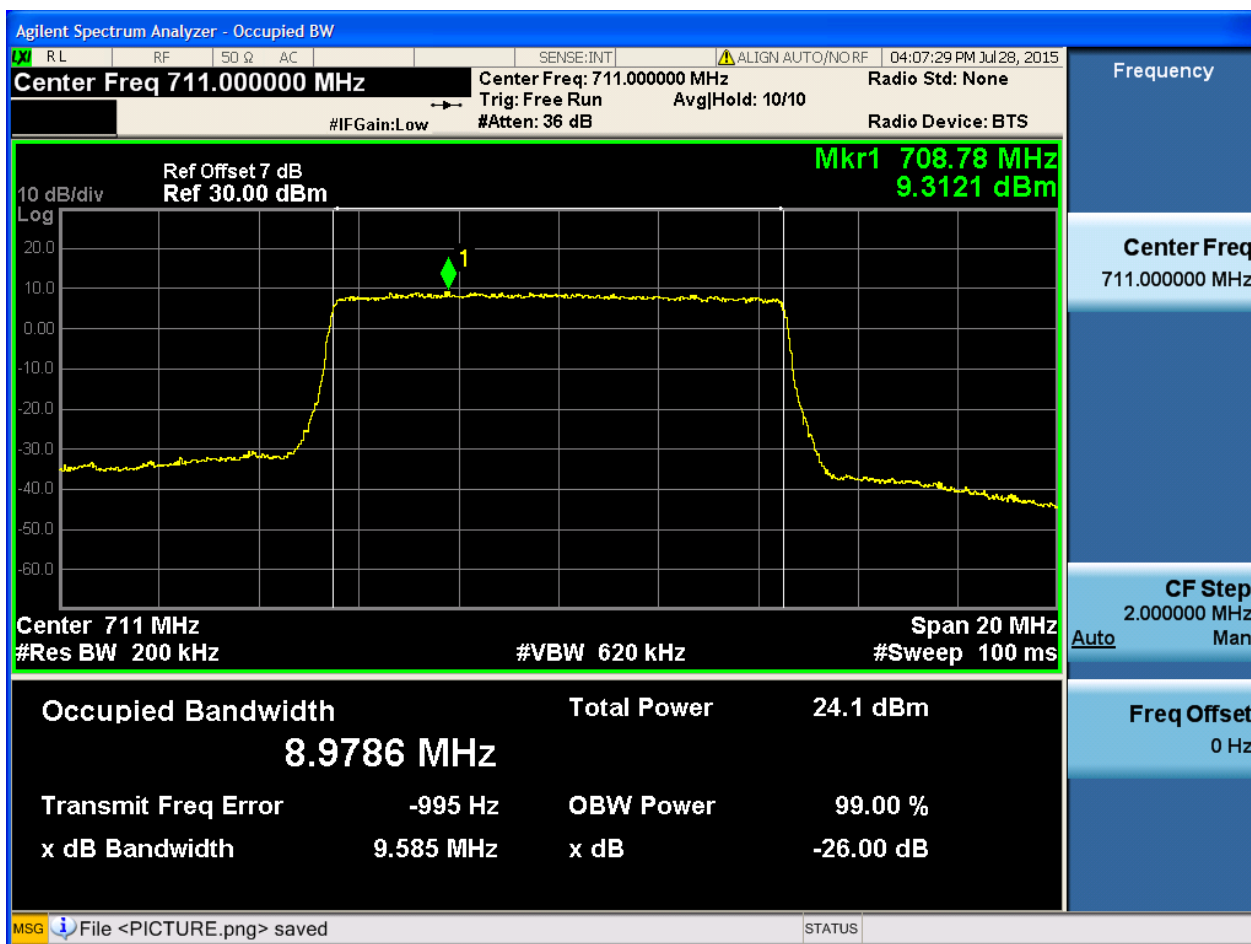
4.1.2.1.4.2 Test Channel = MCH

4.1.2.1.4.2.1 Test RB = RB50#0



4.1.2.1.4.3 Test Channel = HCH

4.1.2.1.4.3.1 Test RB = RB50#0

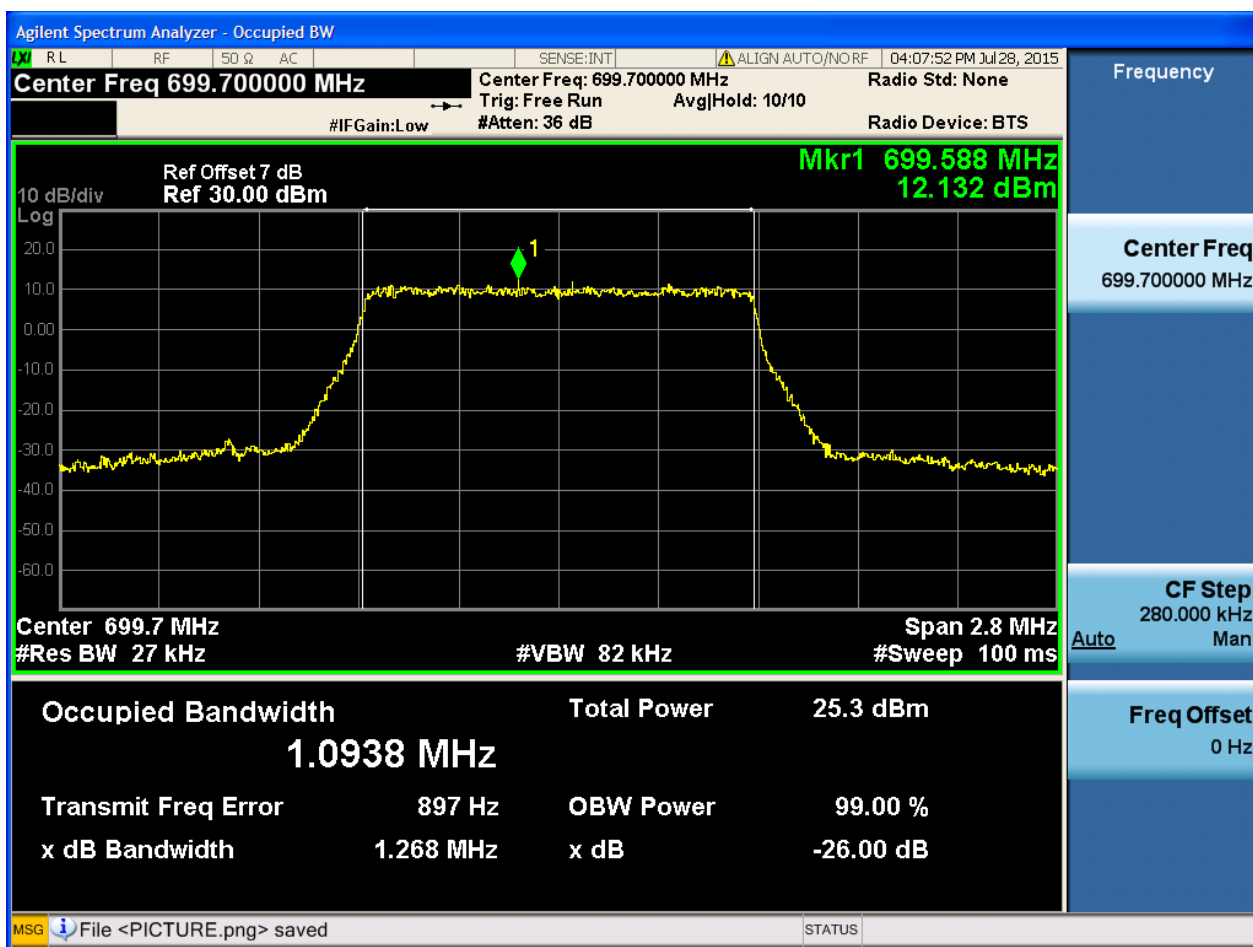


4.1.2.2 Test Mode = LTE/TM2

4.1.2.2.1 Test Bandwidth = 1.4

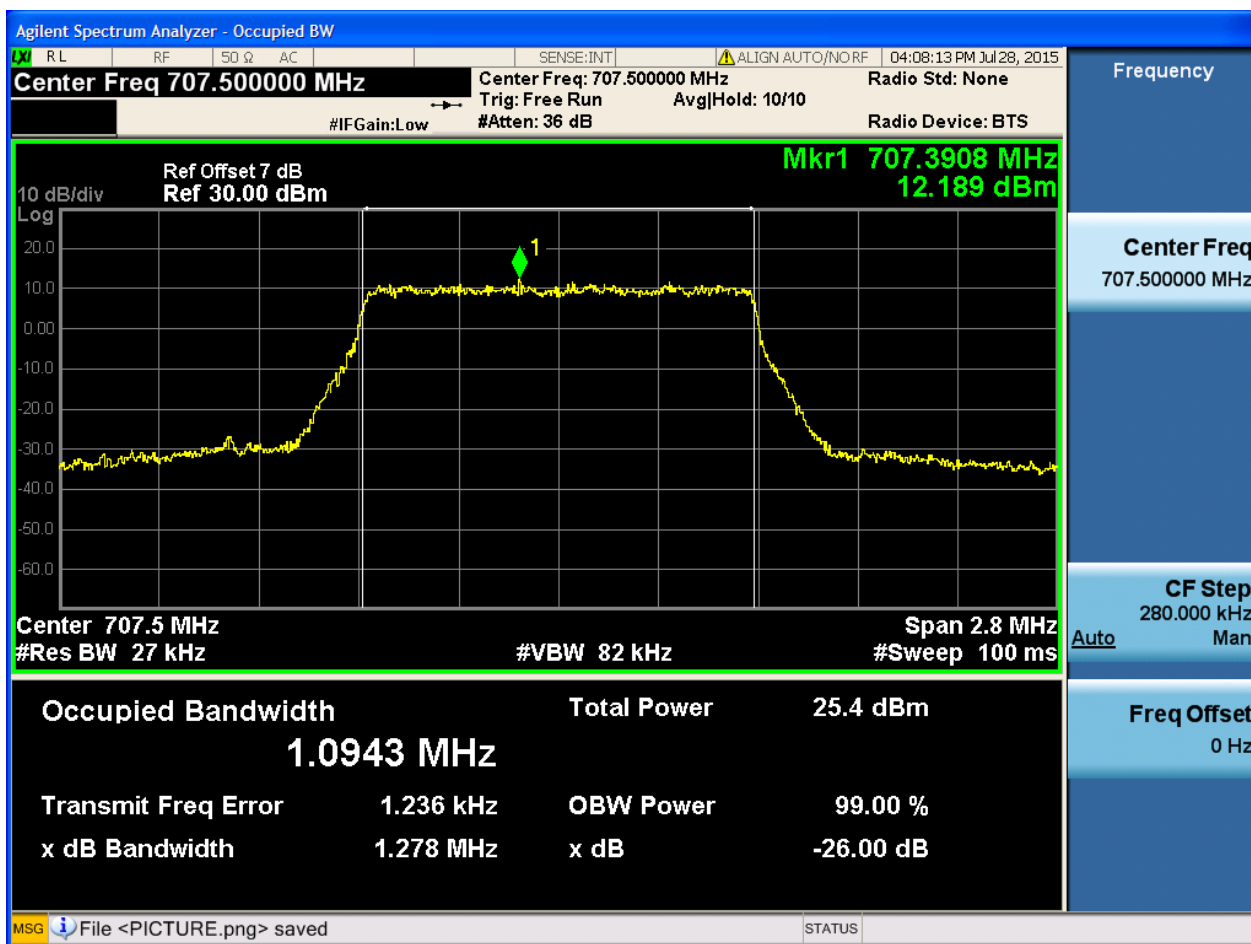
4.1.2.2.1.1 Test Channel = LCH

4.1.2.2.1.1.1 Test RB = RB6#0



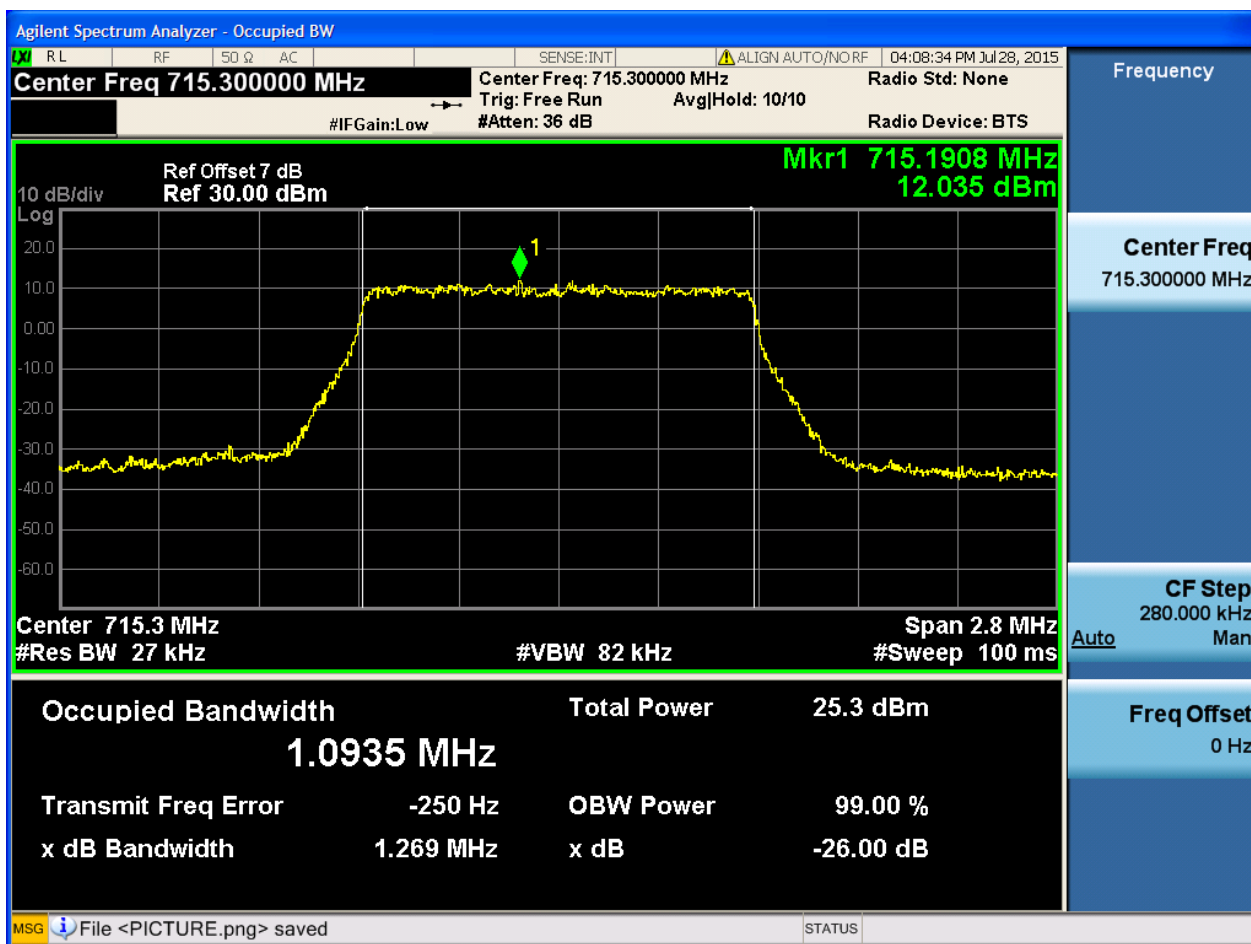
4.1.2.2.1.2 Test Channel = MCH

4.1.2.2.1.2.1 Test RB = RB6#0



4.1.2.2.1.3 Test Channel = HCH

4.1.2.2.1.3.1 Test RB = RB6#0

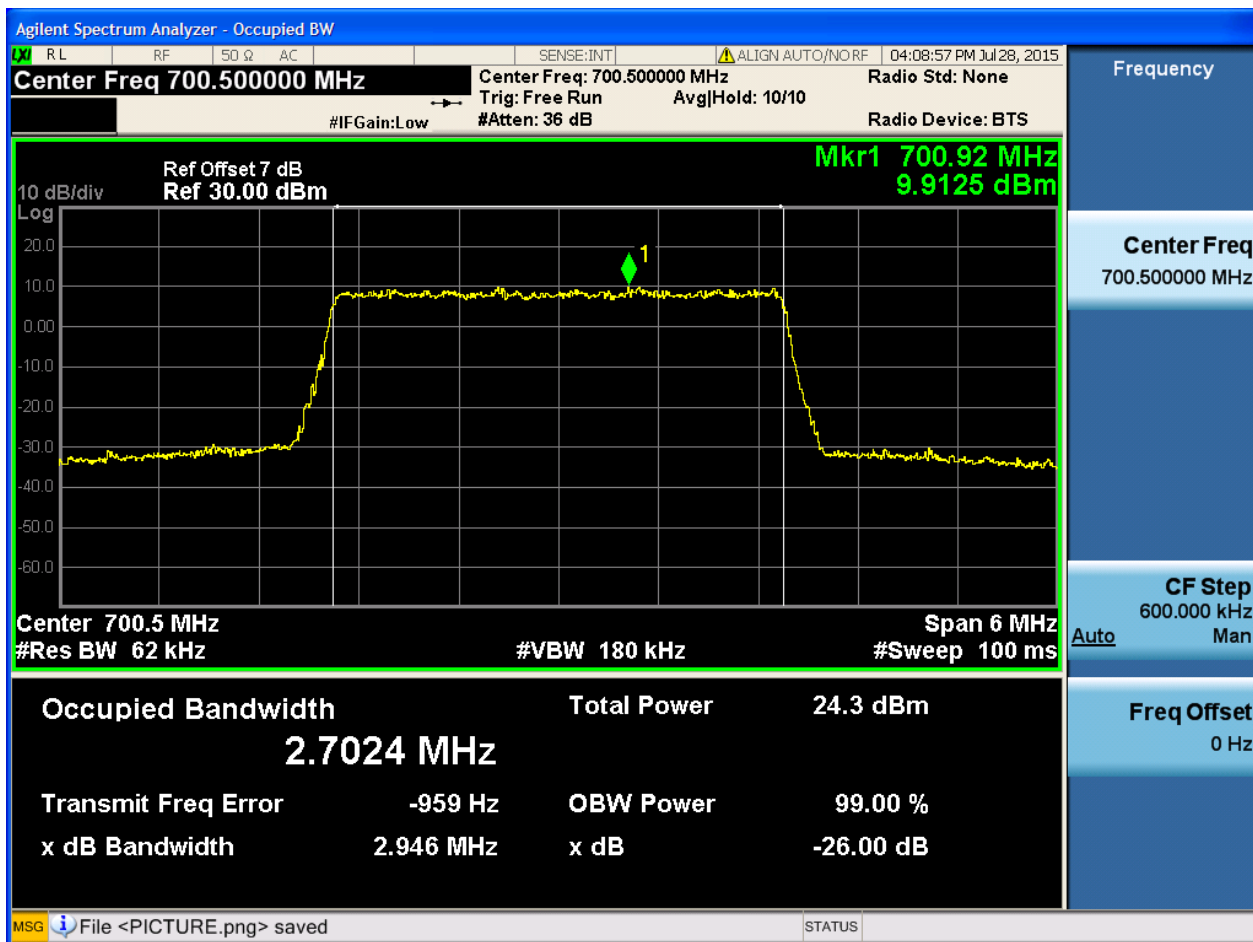




4.1.2.2.2 Test Bandwidth = 3

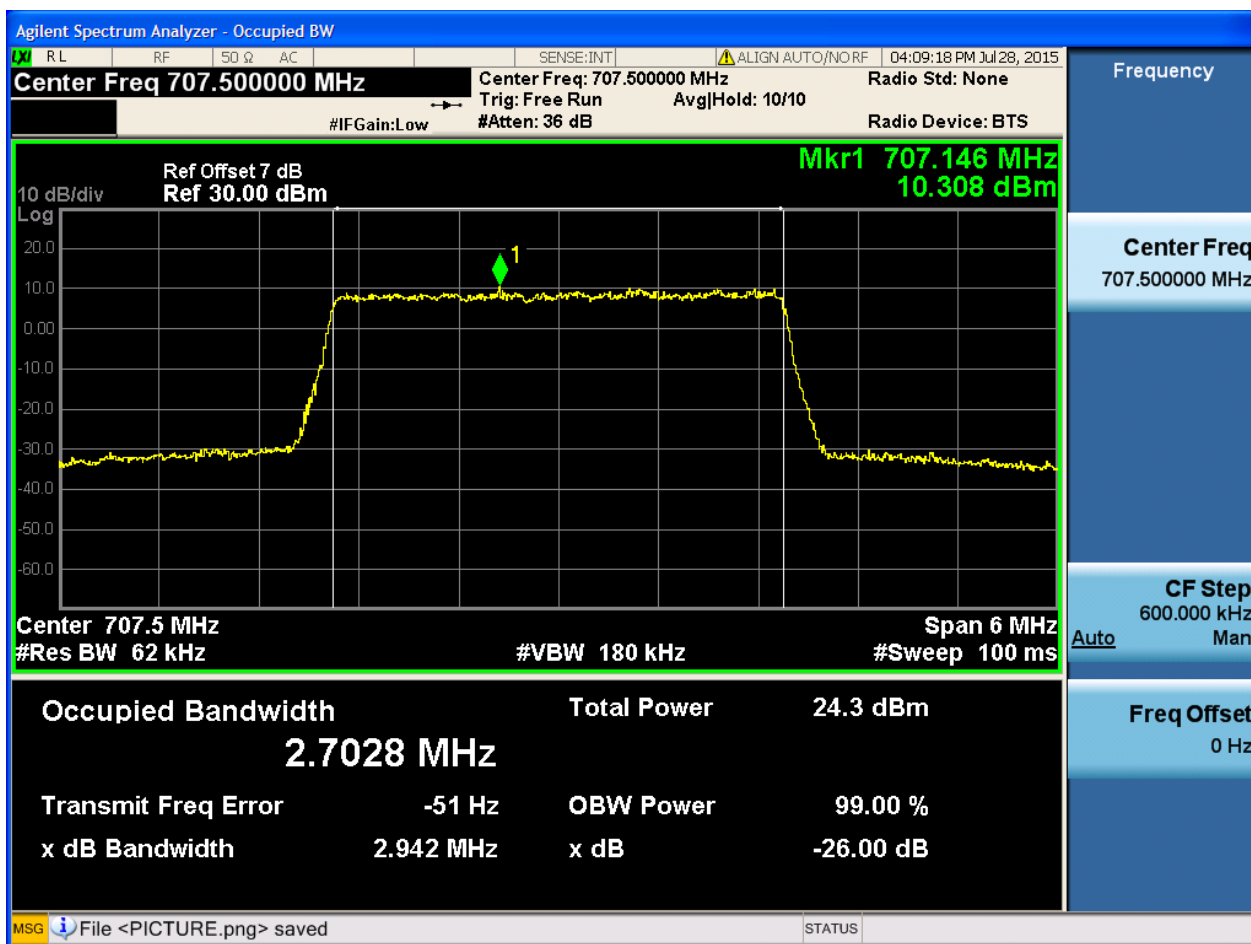
4.1.2.2.2.1 Test Channel = LCH

4.1.2.2.2.1.1 Test RB = RB15#0



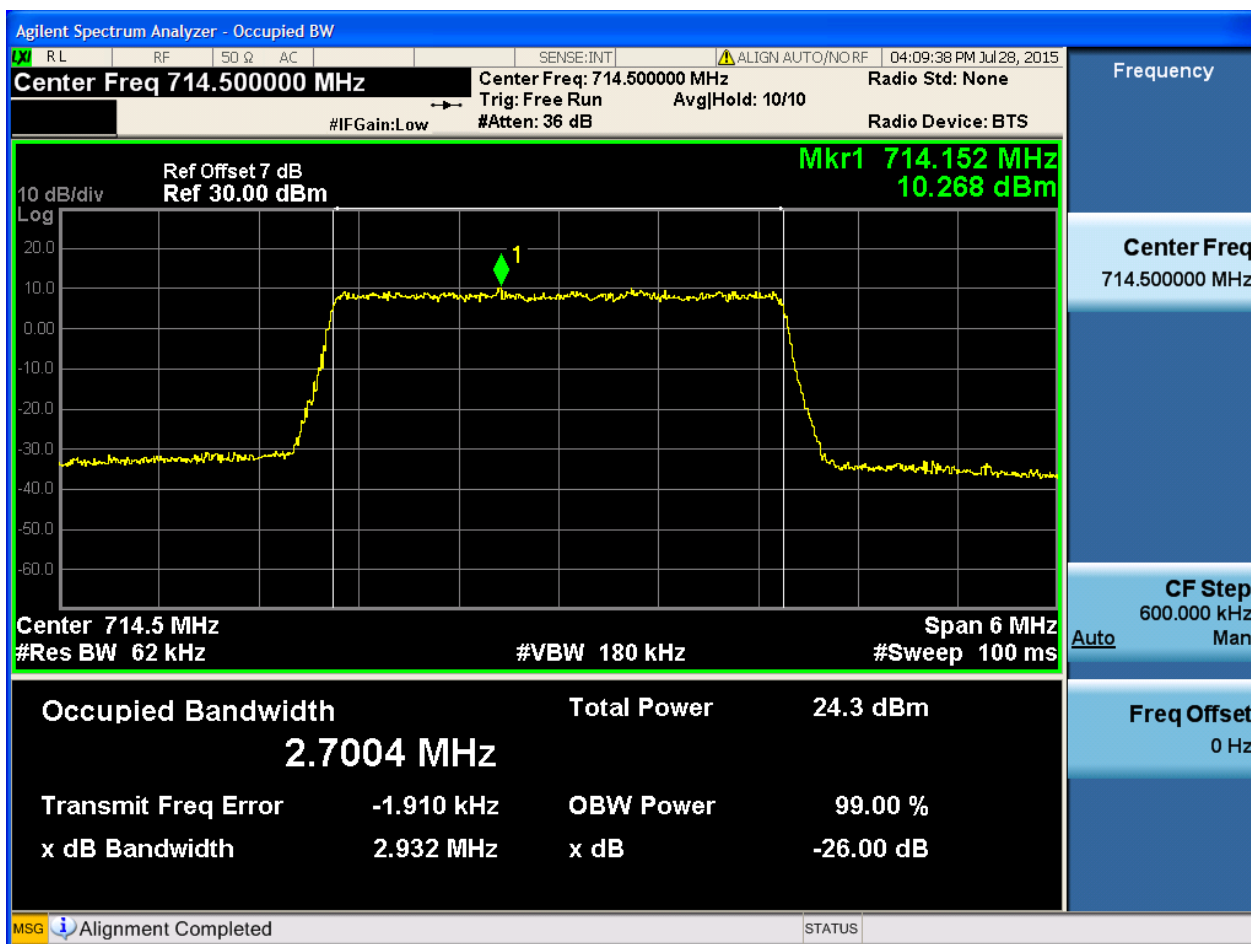
4.1.2.2.2 Test Channel = MCH

4.1.2.2.2.1 Test RB = RB15#0



4.1.2.2.2.3 Test Channel = HCH

4.1.2.2.2.3.1 Test RB = RB15#0

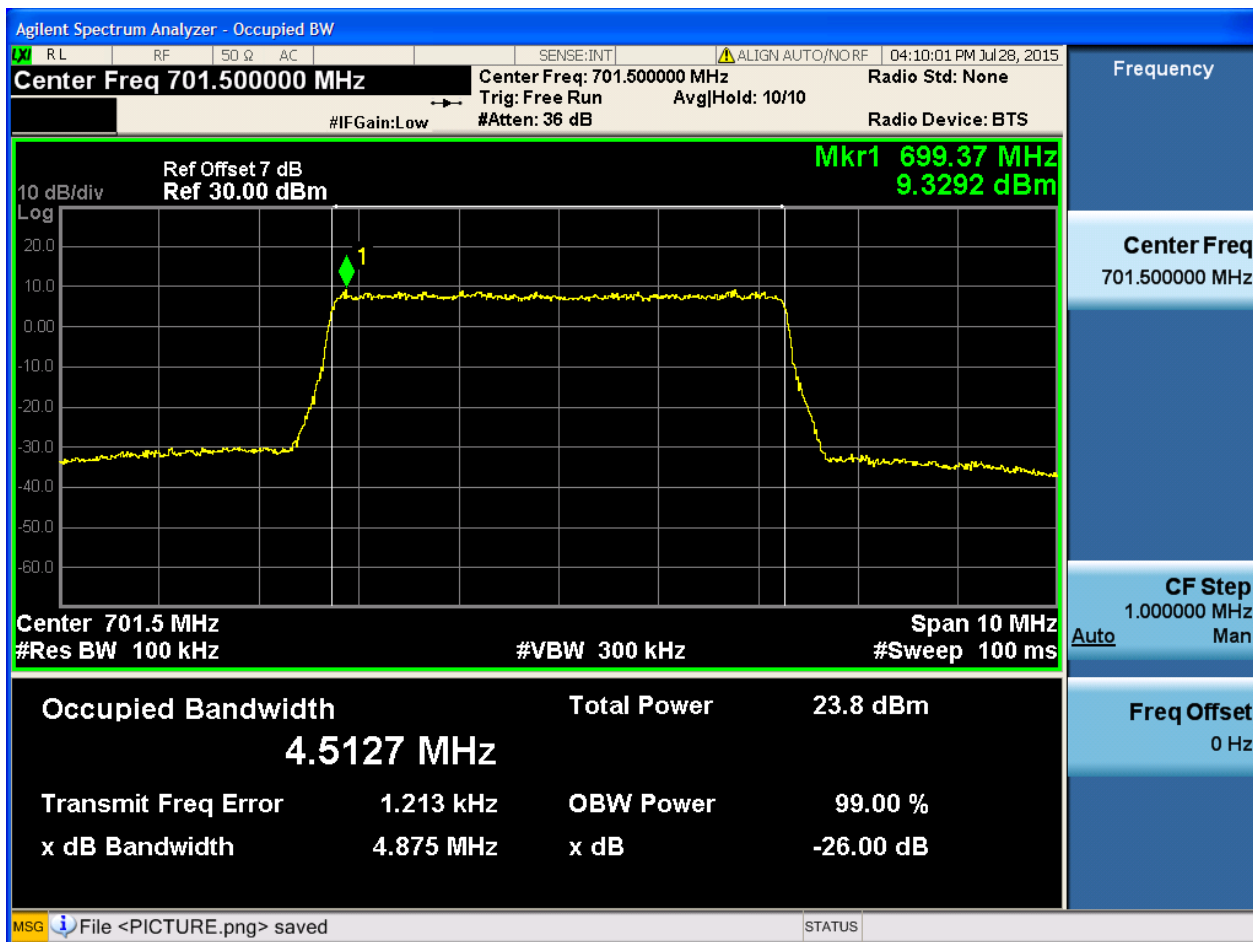




4.1.2.2.3 Test Bandwidth = 5

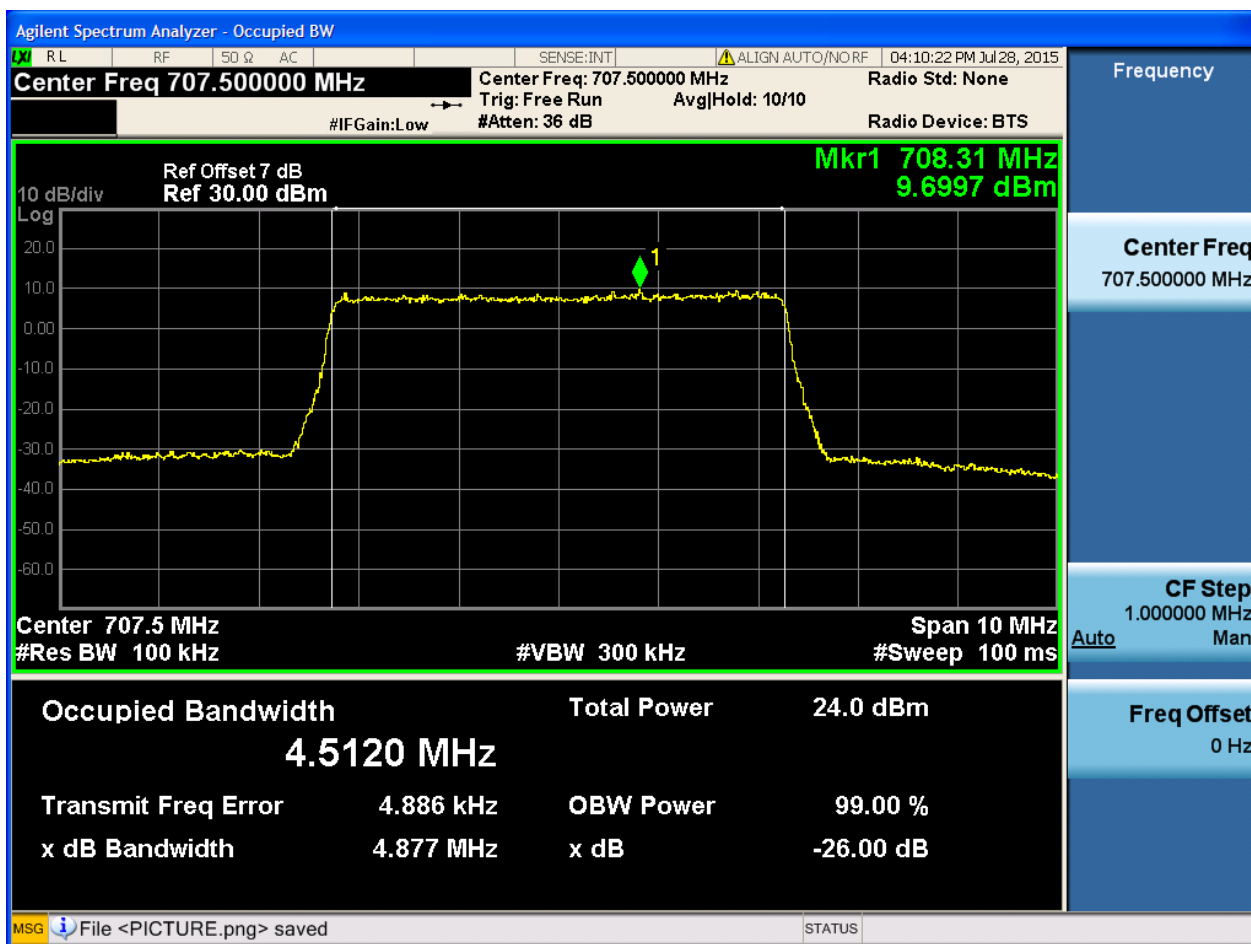
4.1.2.2.3.1 Test Channel = LCH

4.1.2.2.3.1.1 Test RB = RB25#0



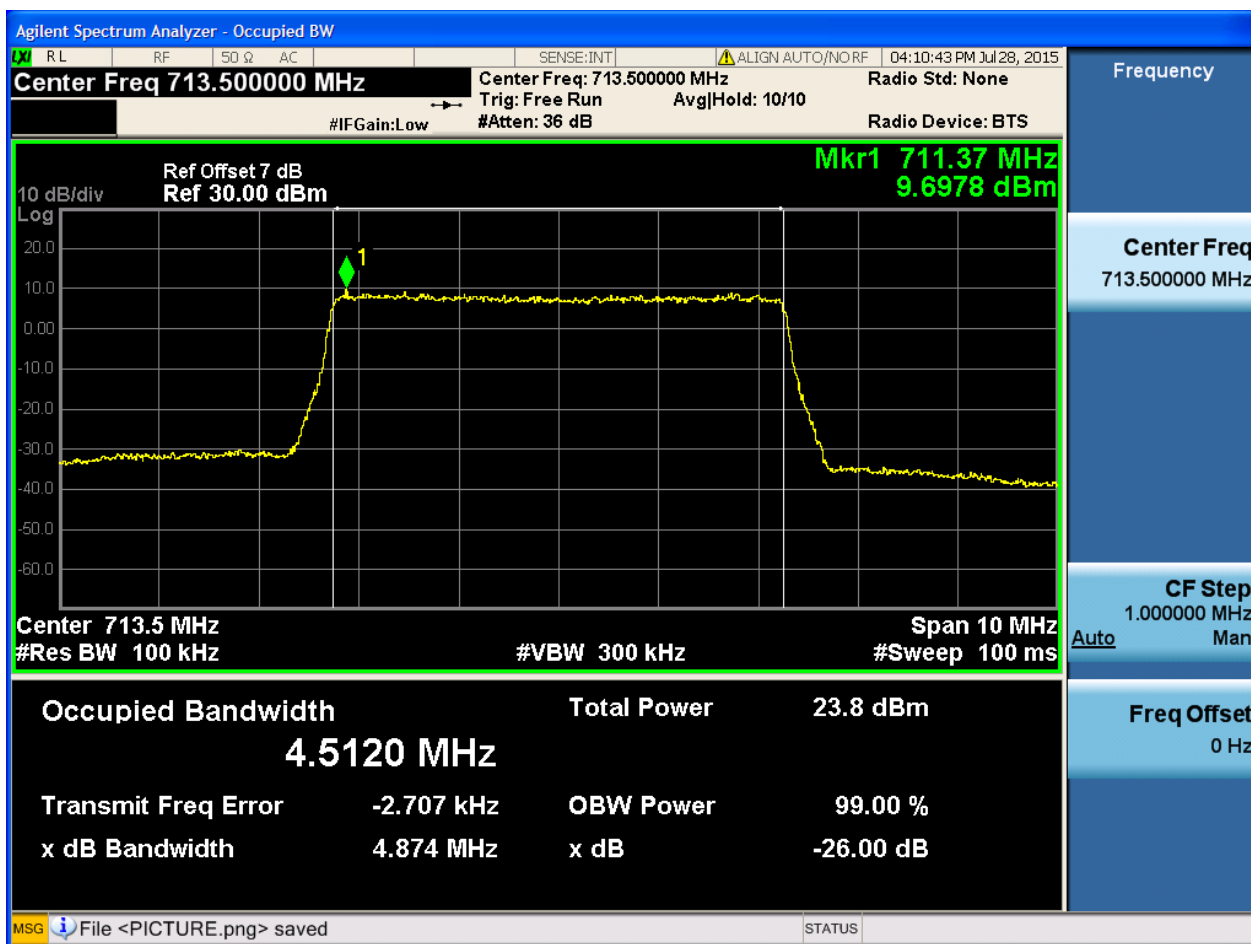
4.1.2.2.3.2 Test Channel = MCH

4.1.2.2.3.2.1 Test RB = RB25#0



4.1.2.2.3.3 Test Channel = HCH

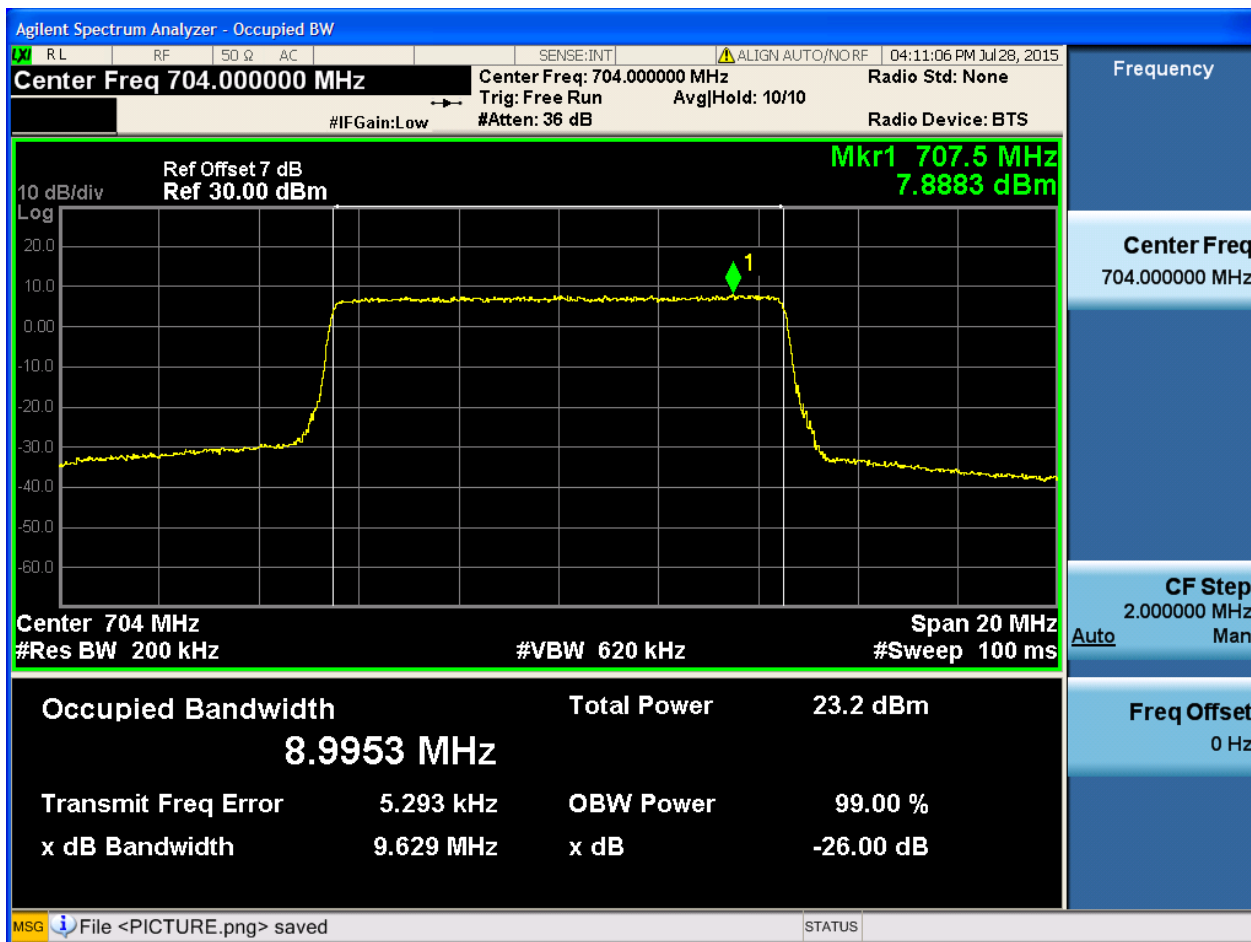
4.1.2.2.3.3.1 Test RB = RB25#0



4.1.2.2.4 Test Bandwidth = 10

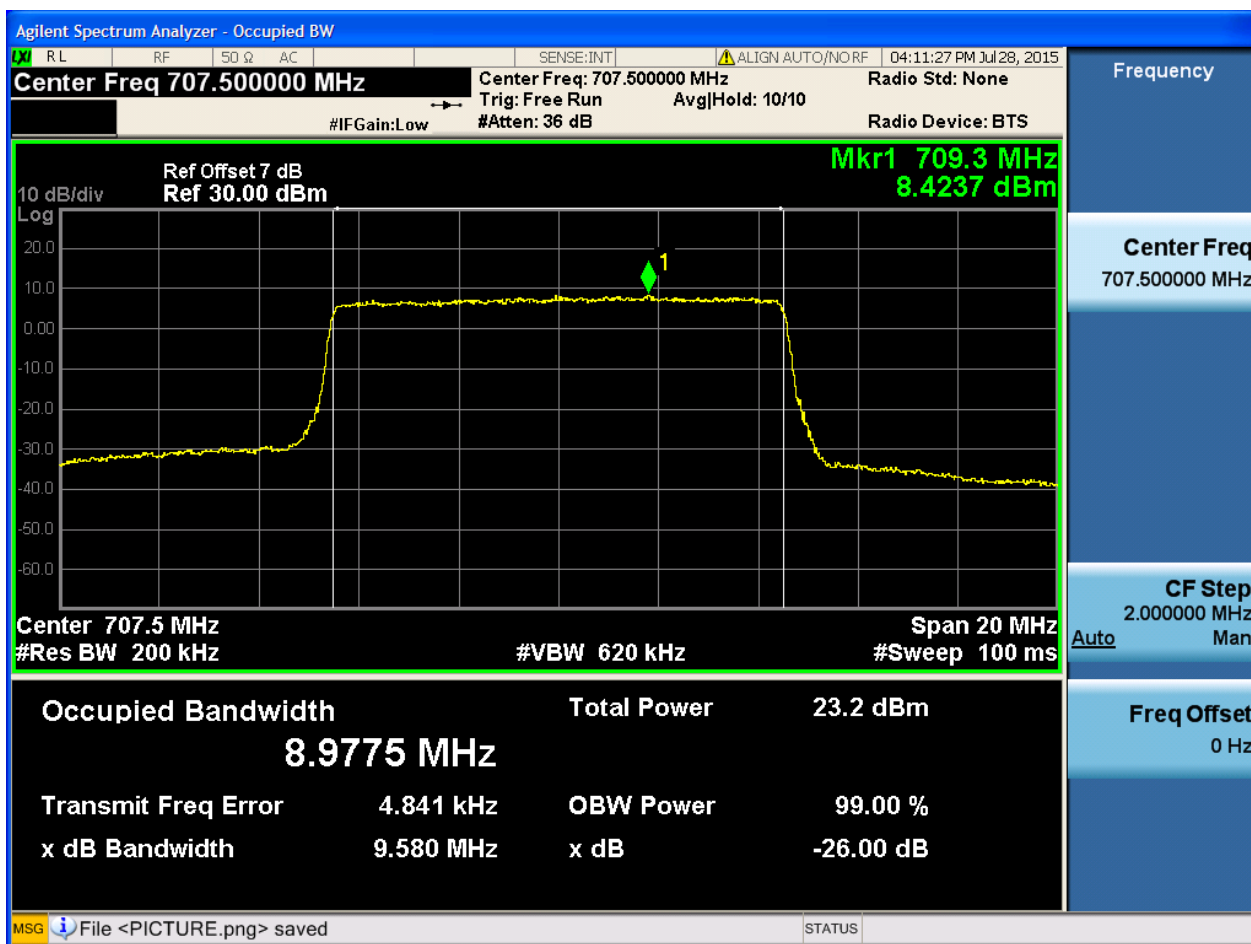
4.1.2.2.4.1 Test Channel = LCH

4.1.2.2.4.1.1 Test RB = RB50#0



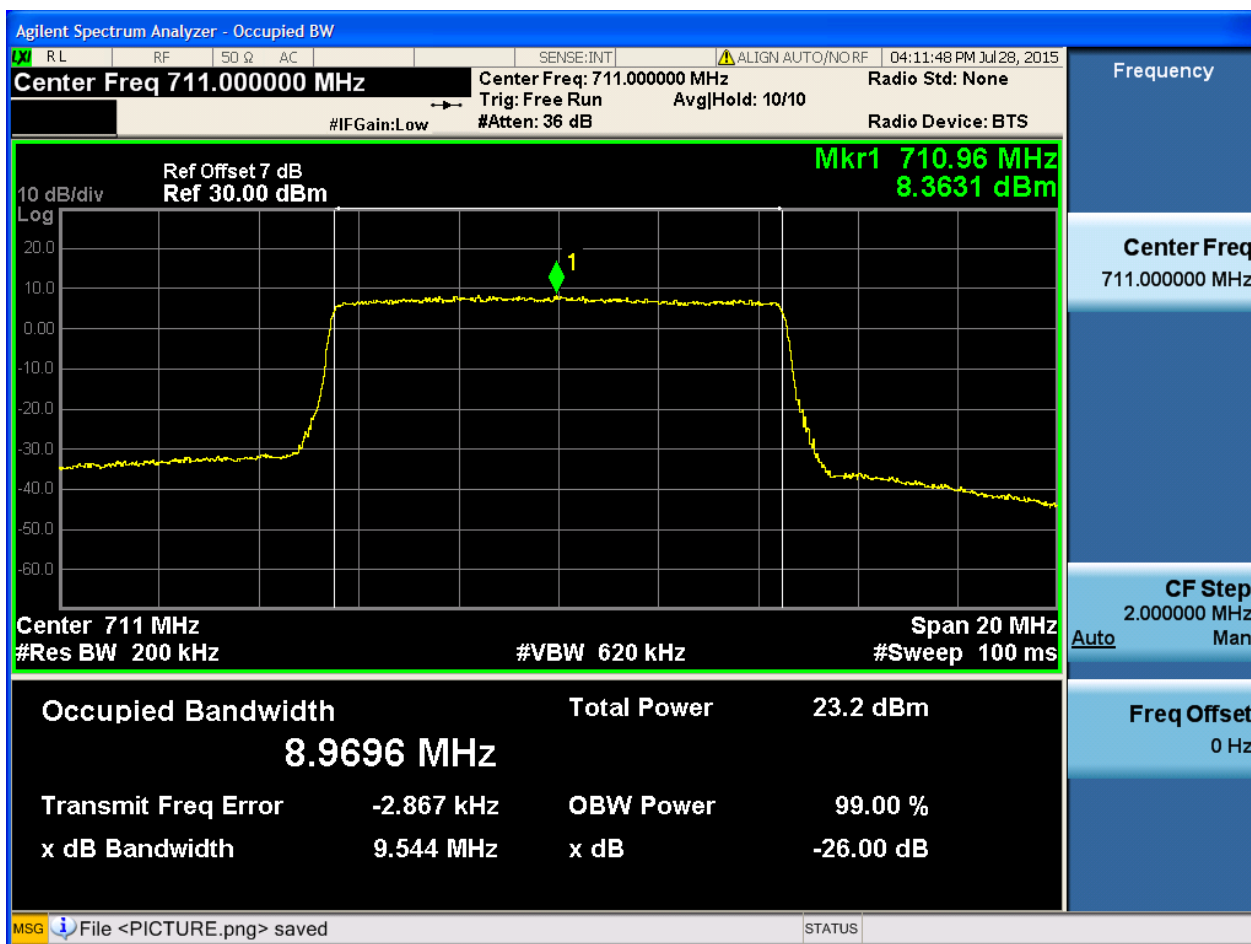
4.1.2.2.4.2 Test Channel = MCH

4.1.2.2.4.2.1 Test RB = RB50#0



4.1.2.2.4.3 Test Channel = HCH

4.1.2.2.4.3.1 Test RB = RB50#0





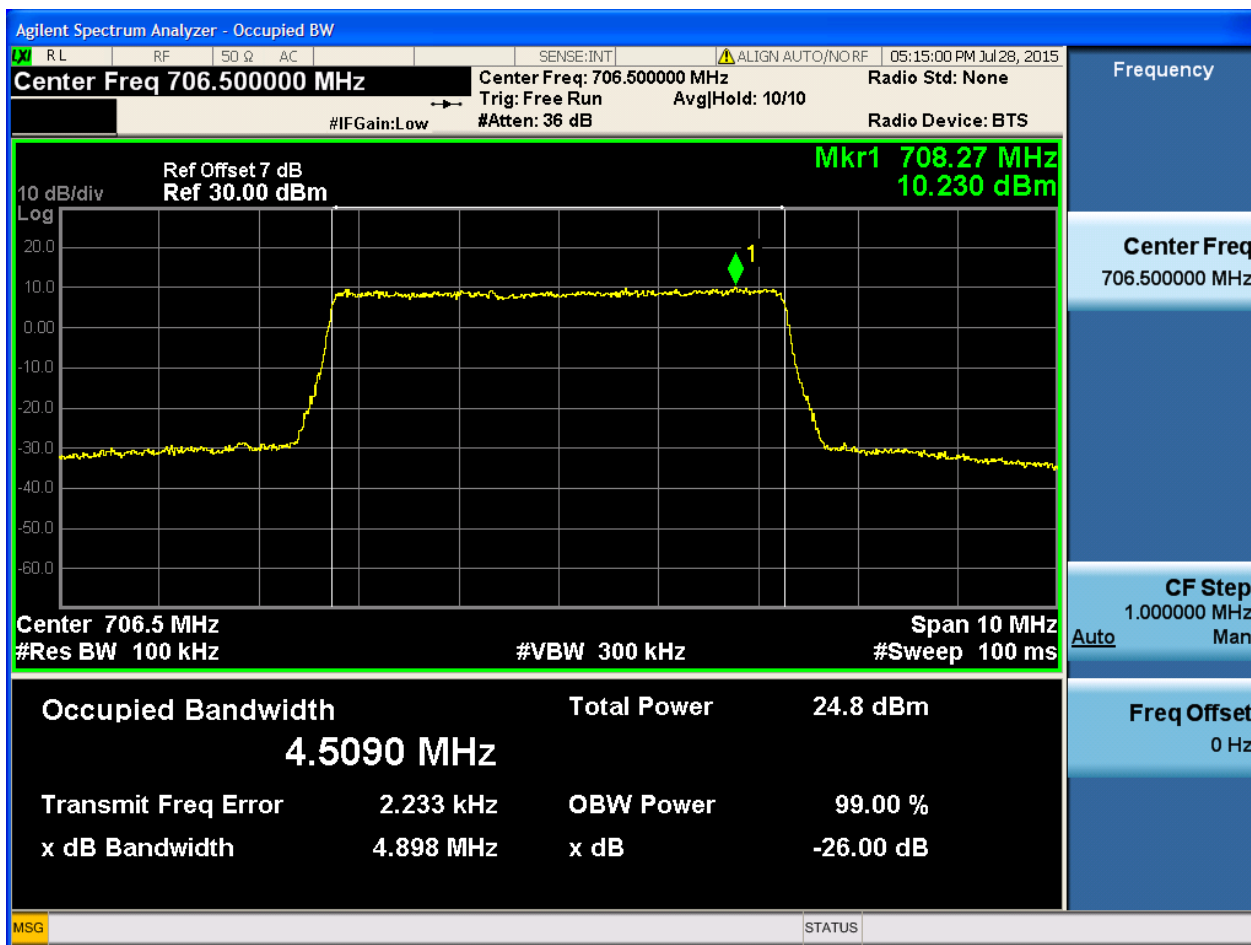
4.1.3 Test Band = BAND17

4.1.3.1 Test Mode = LTE/TM1

4.1.3.1.1 Test Bandwidth = 5

4.1.3.1.1.1 Test Channel = LCH

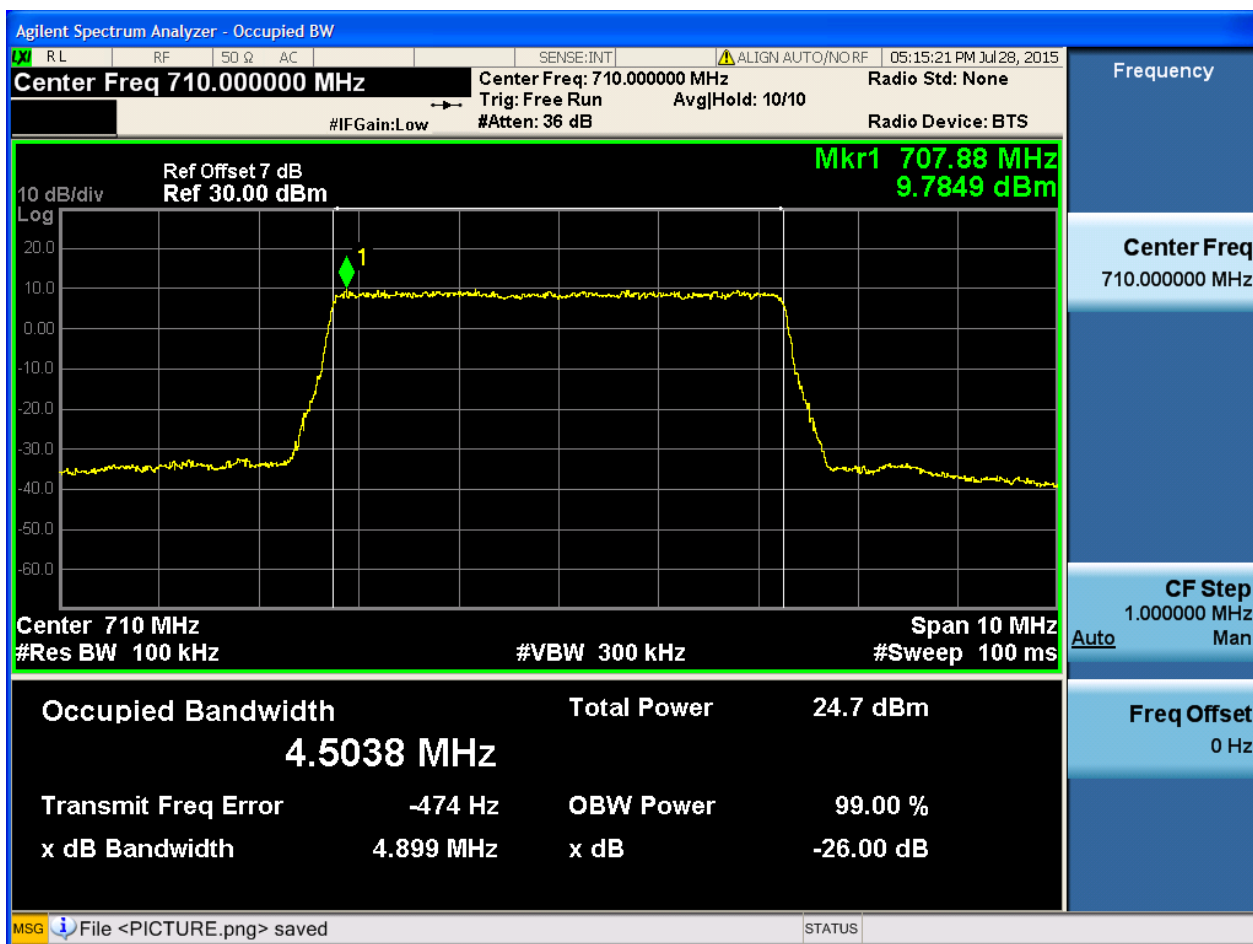
4.1.3.1.1.1.1 Test RB = RB25#0





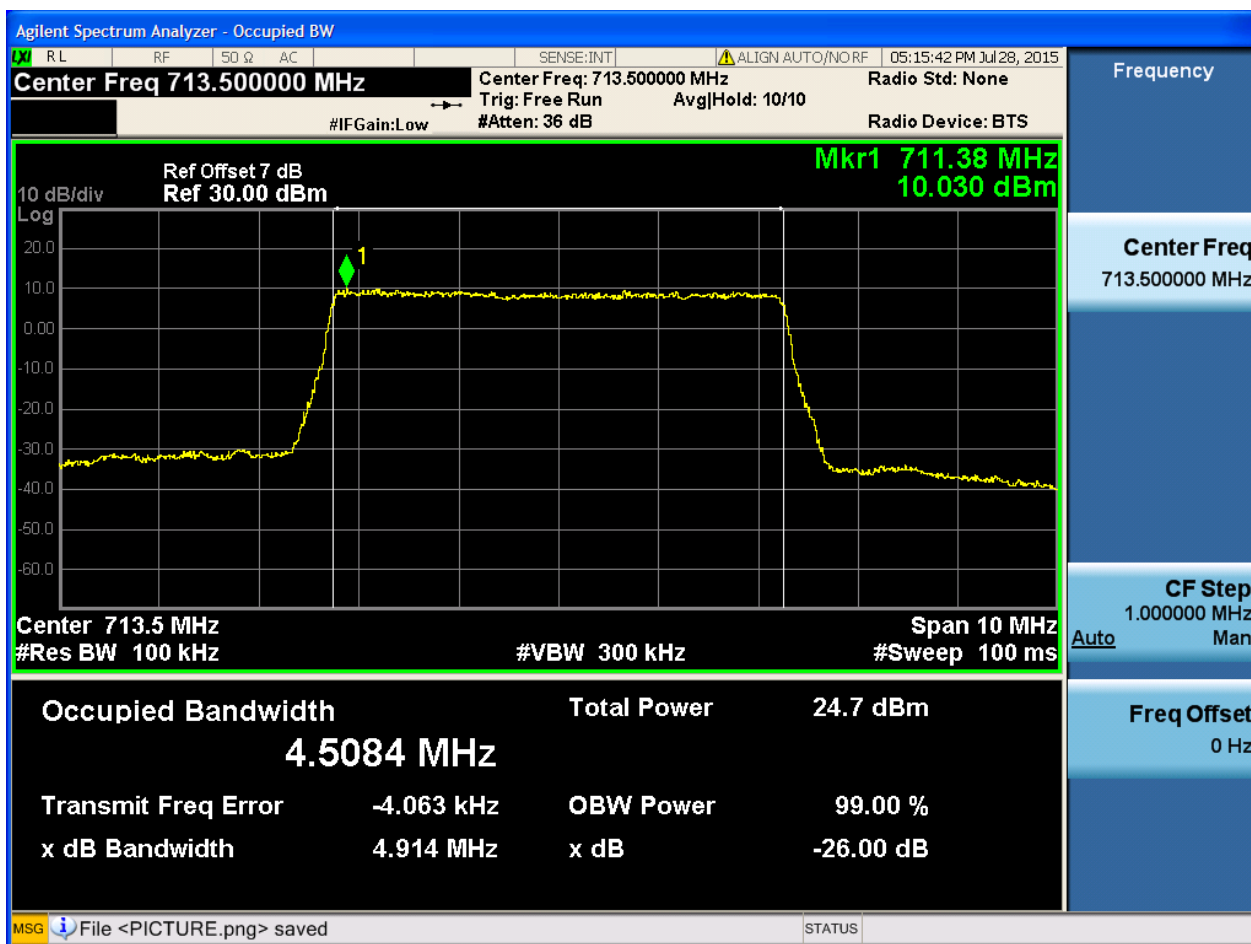
4.1.3.1.1.2 Test Channel = MCH

4.1.3.1.1.2.1 Test RB = RB25#0



4.1.3.1.1.3 Test Channel = HCH

4.1.3.1.1.3.1 Test RB = RB25#0

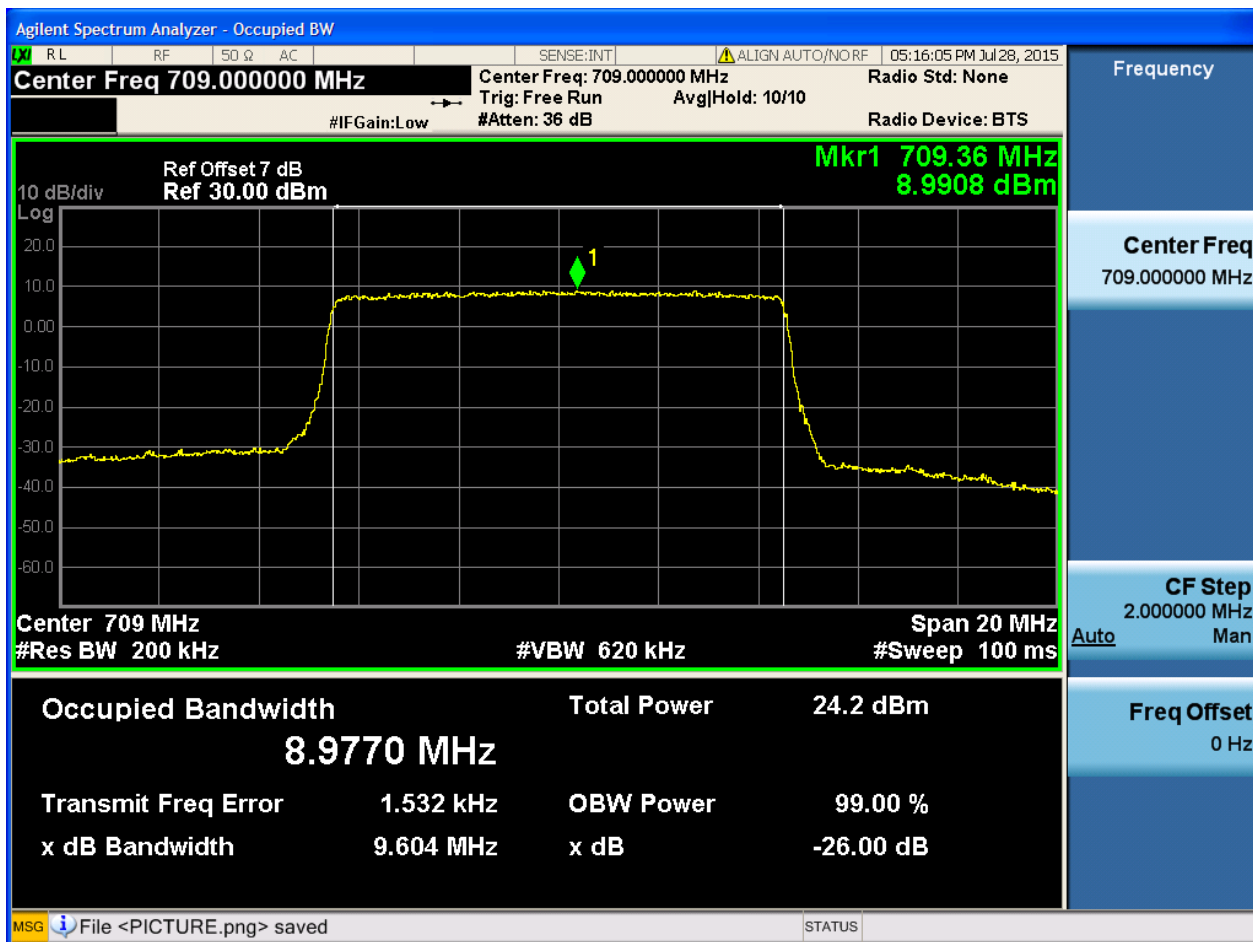




4.1.3.1.2 Test Bandwidth = 10

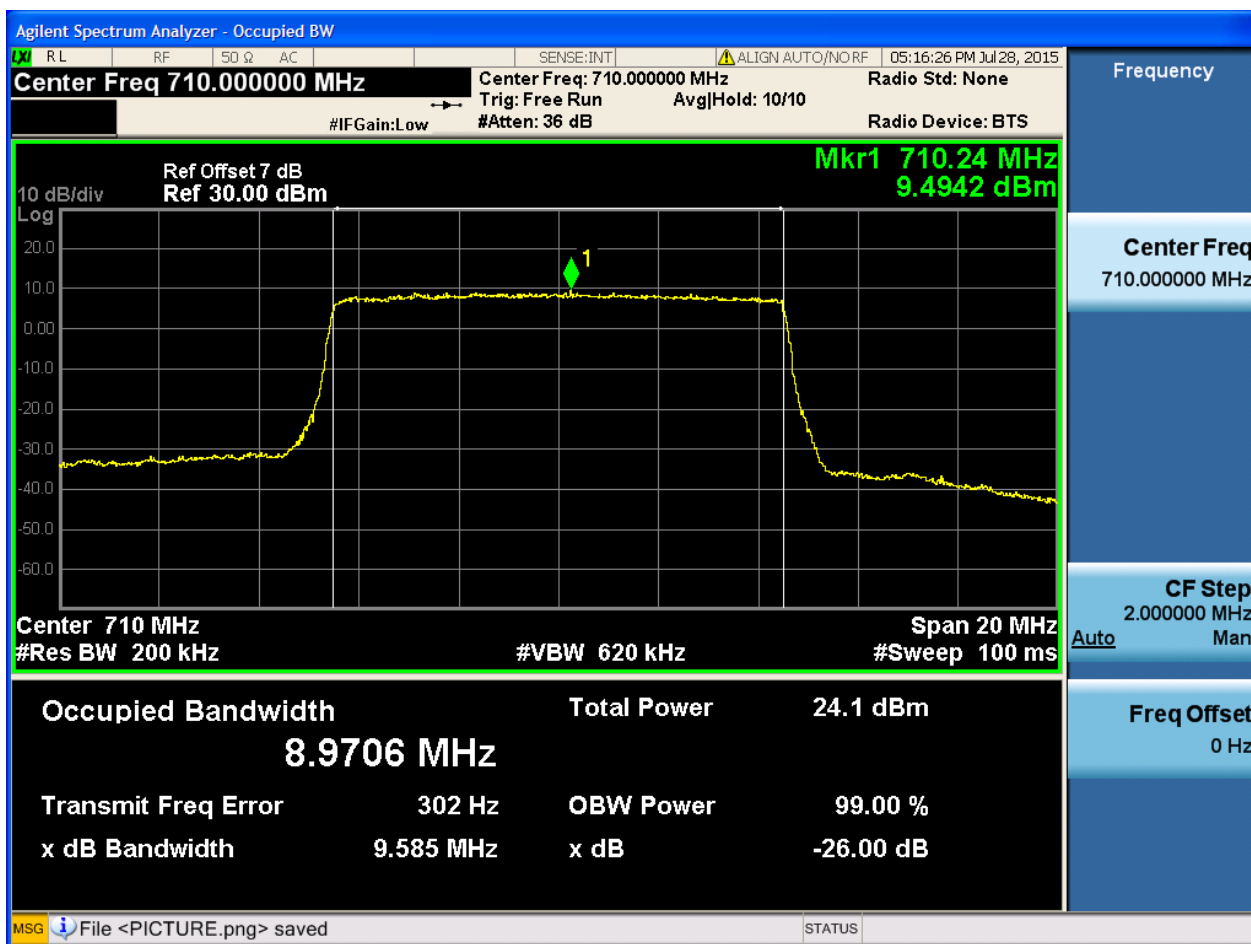
4.1.3.1.2.1 Test Channel = LCH

4.1.3.1.2.1.1 Test RB = RB50#0



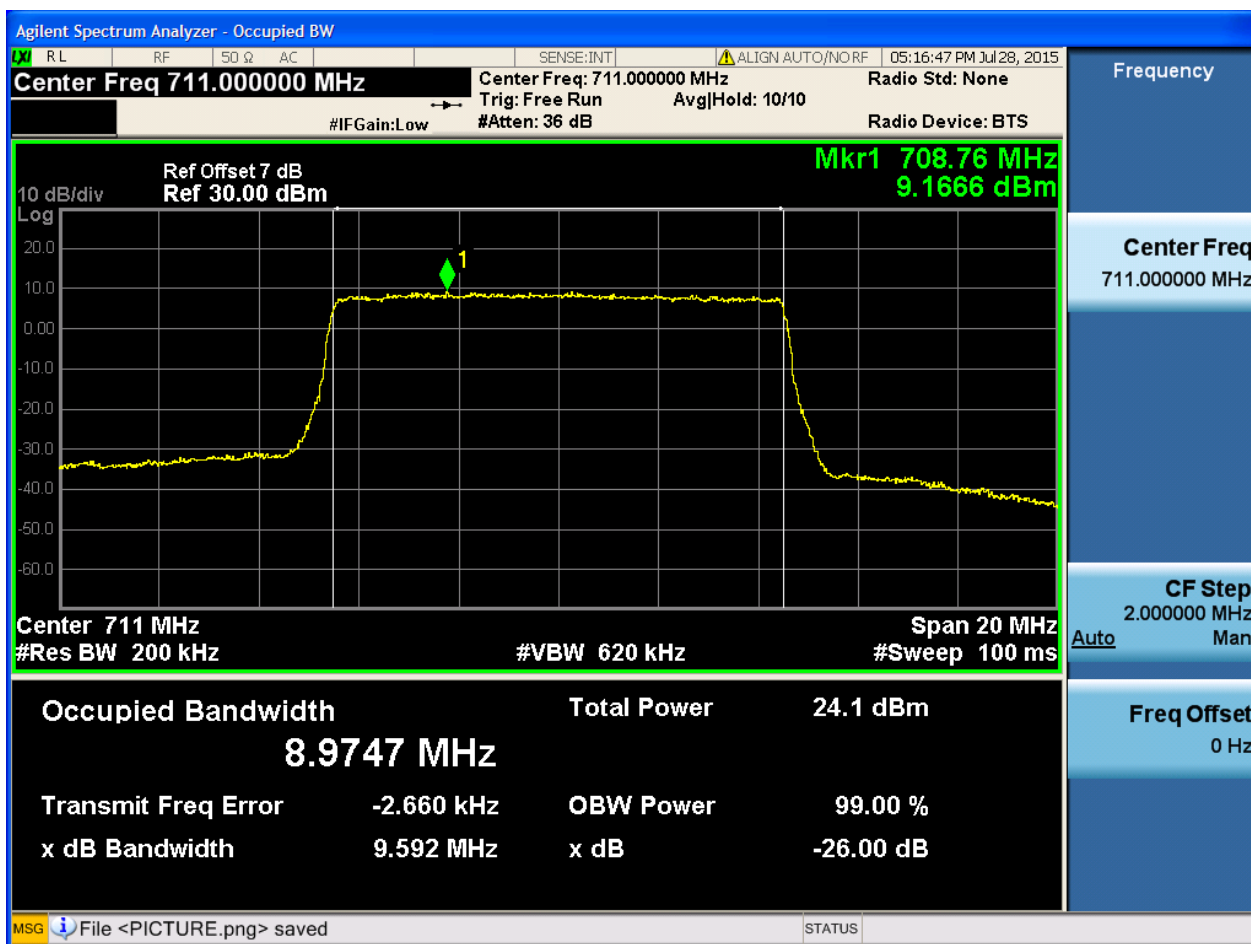
4.1.3.1.2.2 Test Channel = MCH

4.1.3.1.2.2.1 Test RB = RB50#0



4.1.3.1.2.3 Test Channel = HCH

4.1.3.1.2.3.1 Test RB = RB50#0

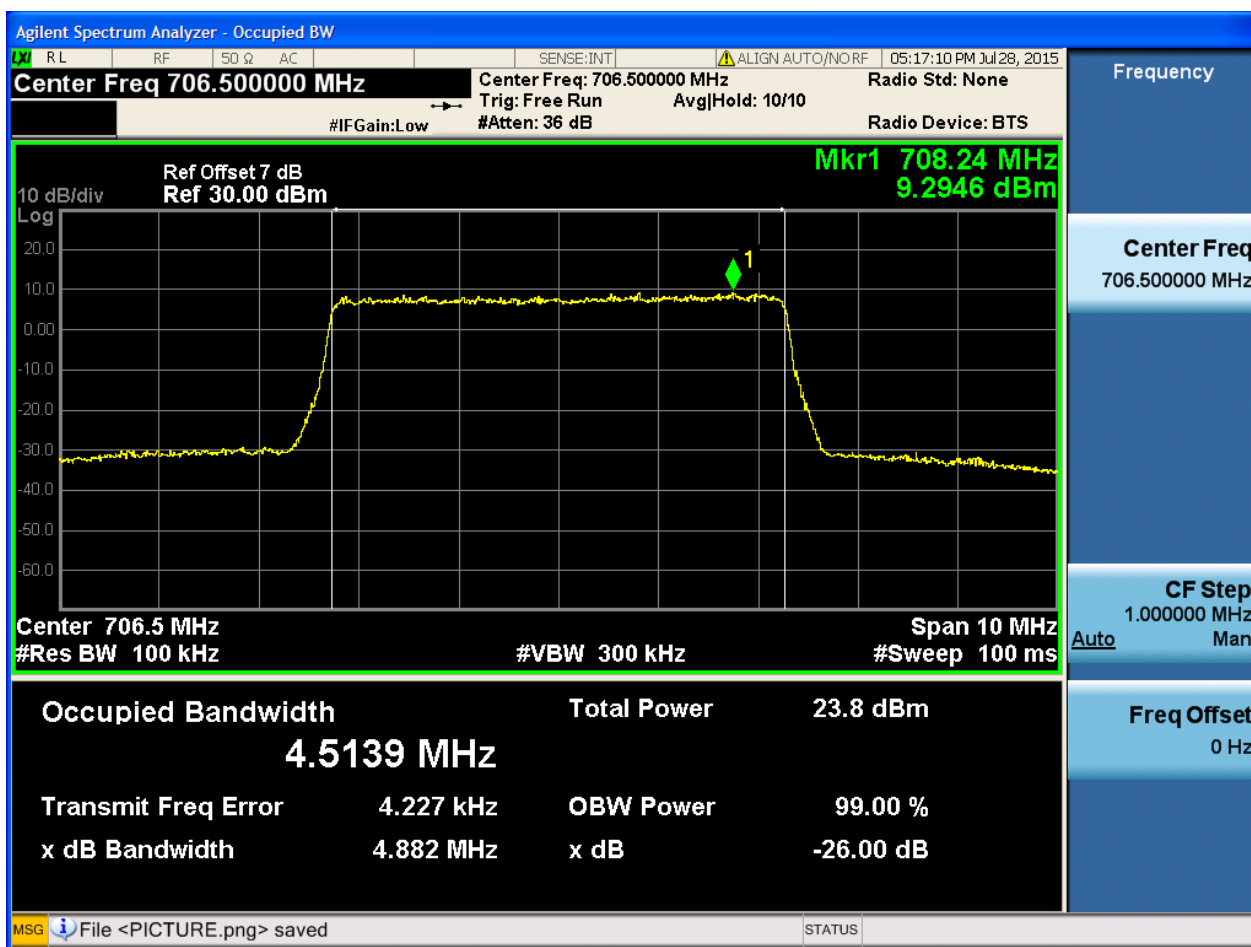


4.1.3.2 Test Mode = LTE/TM2

4.1.3.2.1 Test Bandwidth = 5

4.1.3.2.1.1 Test Channel = LCH

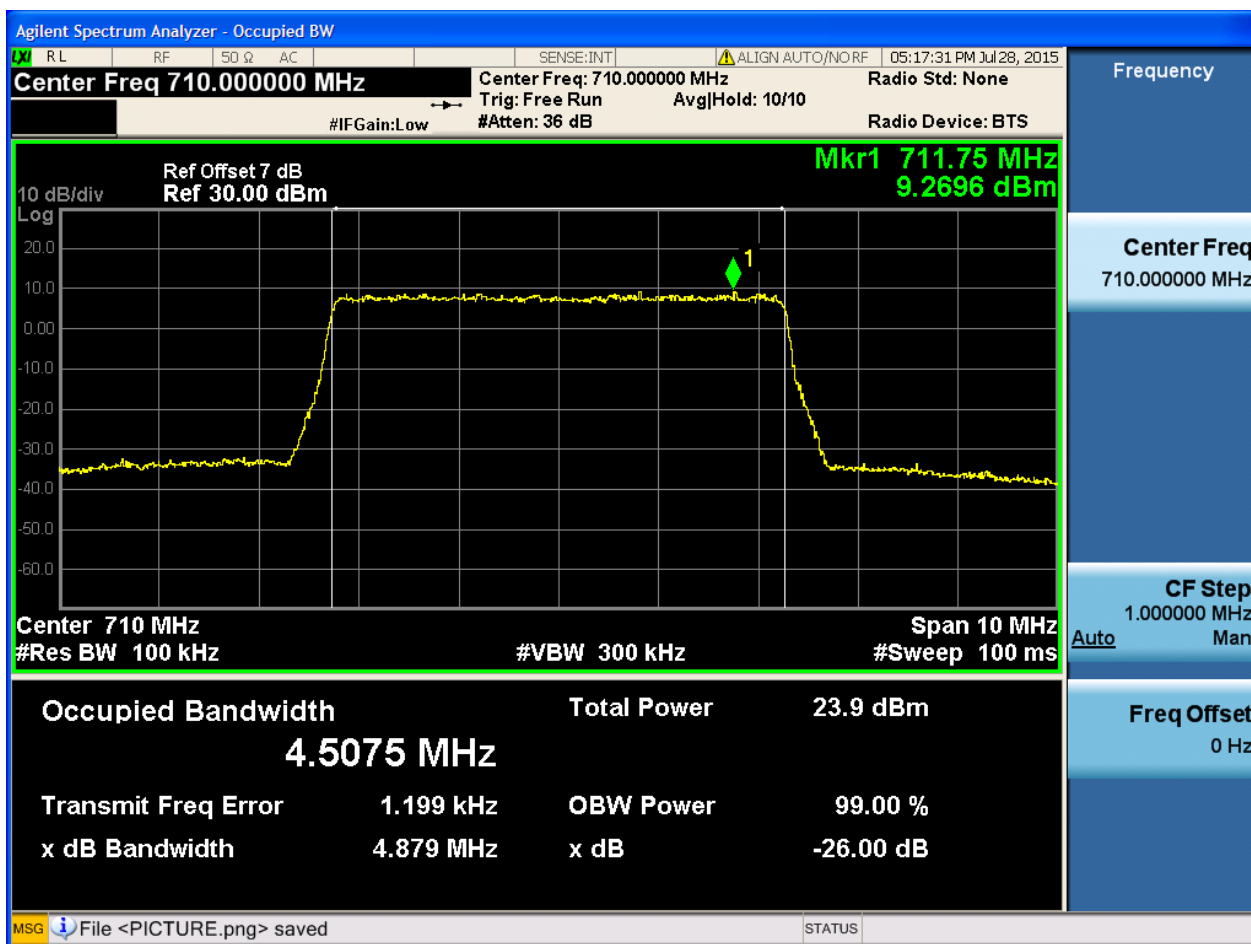
4.1.3.2.1.1.1 Test RB = RB25#0





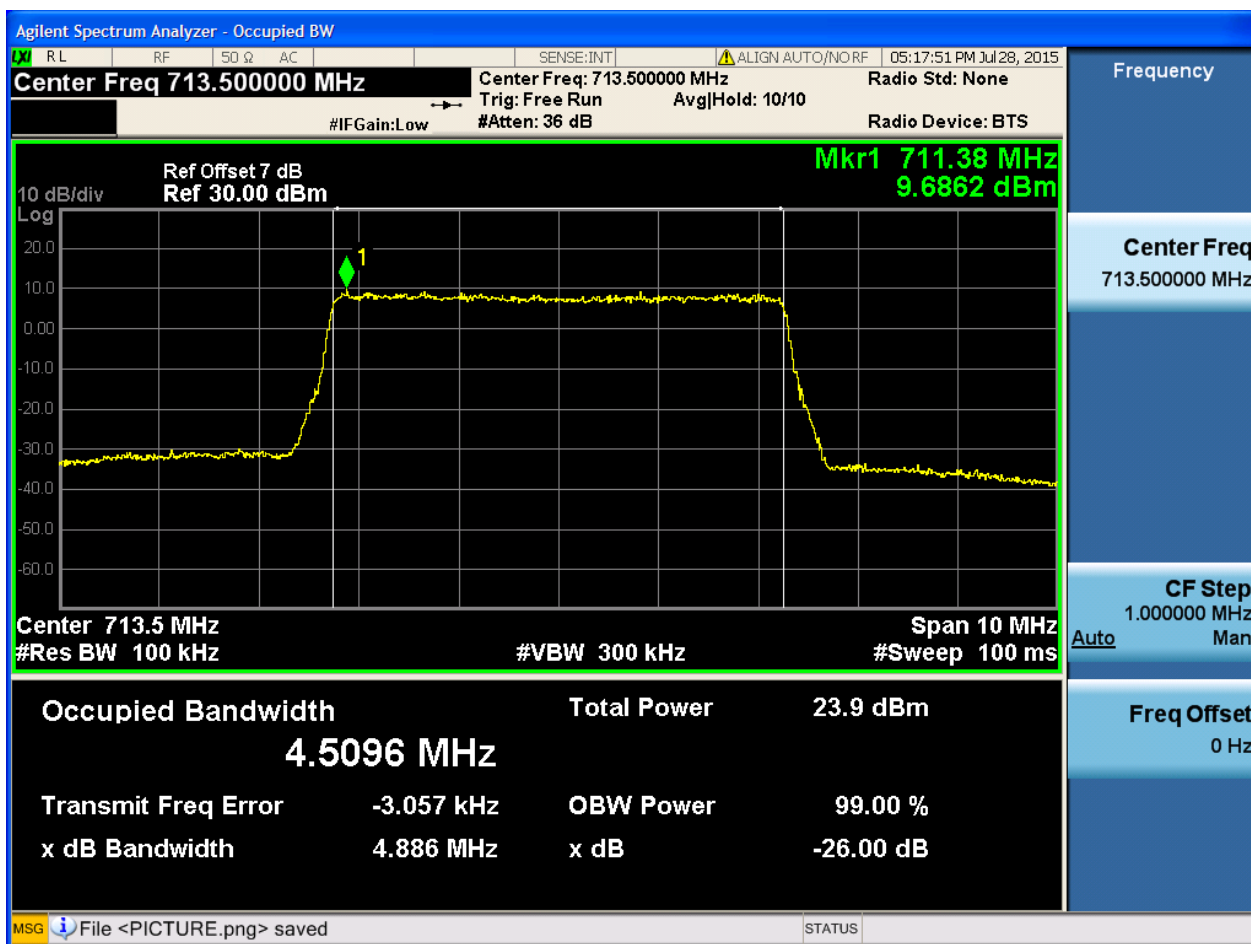
4.1.3.2.1.2 Test Channel = MCH

4.1.3.2.1.2.1 Test RB = RB25#0



4.1.3.2.1.3 Test Channel = HCH

4.1.3.2.1.3.1 Test RB = RB25#0

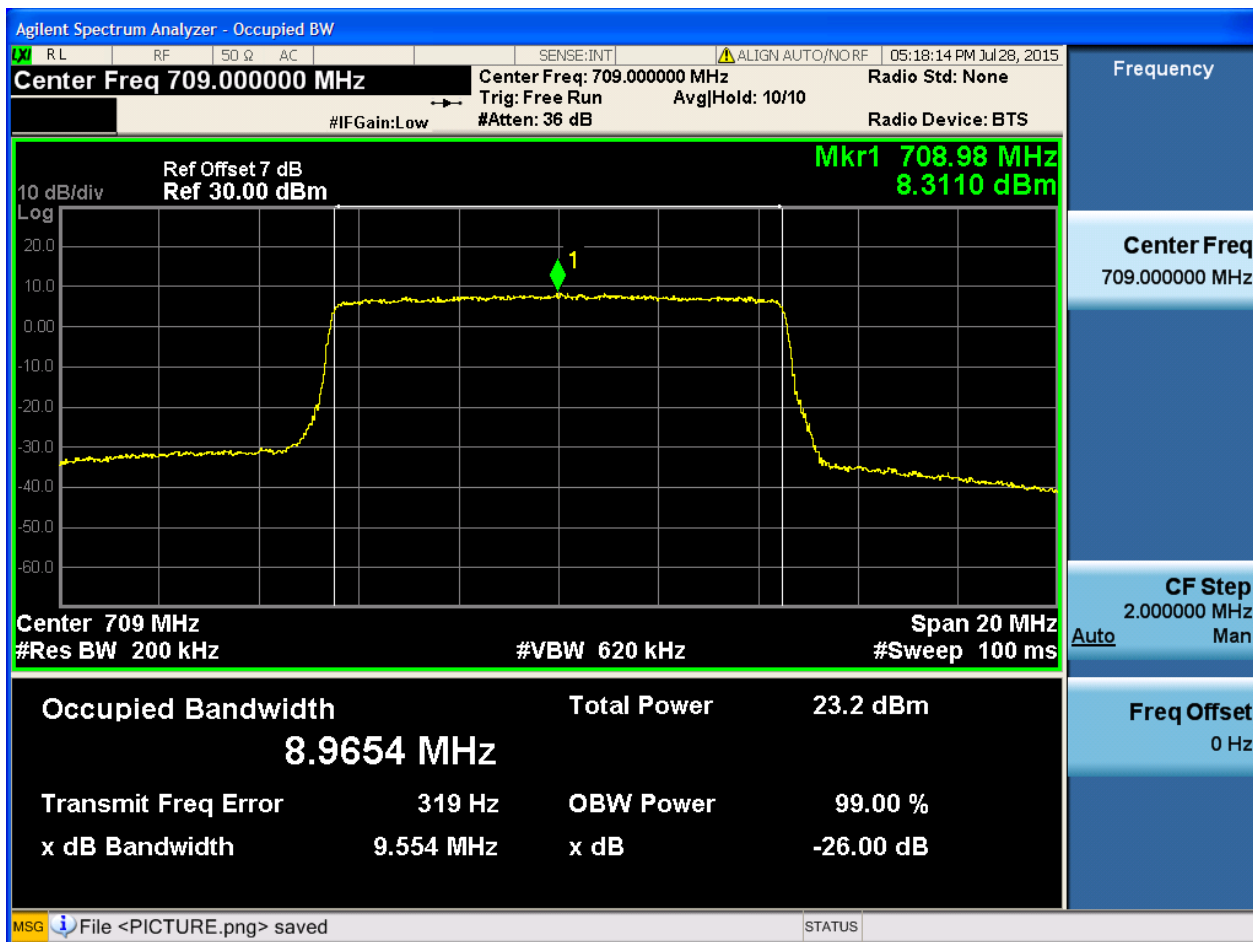




4.1.3.2.2 Test Bandwidth = 10

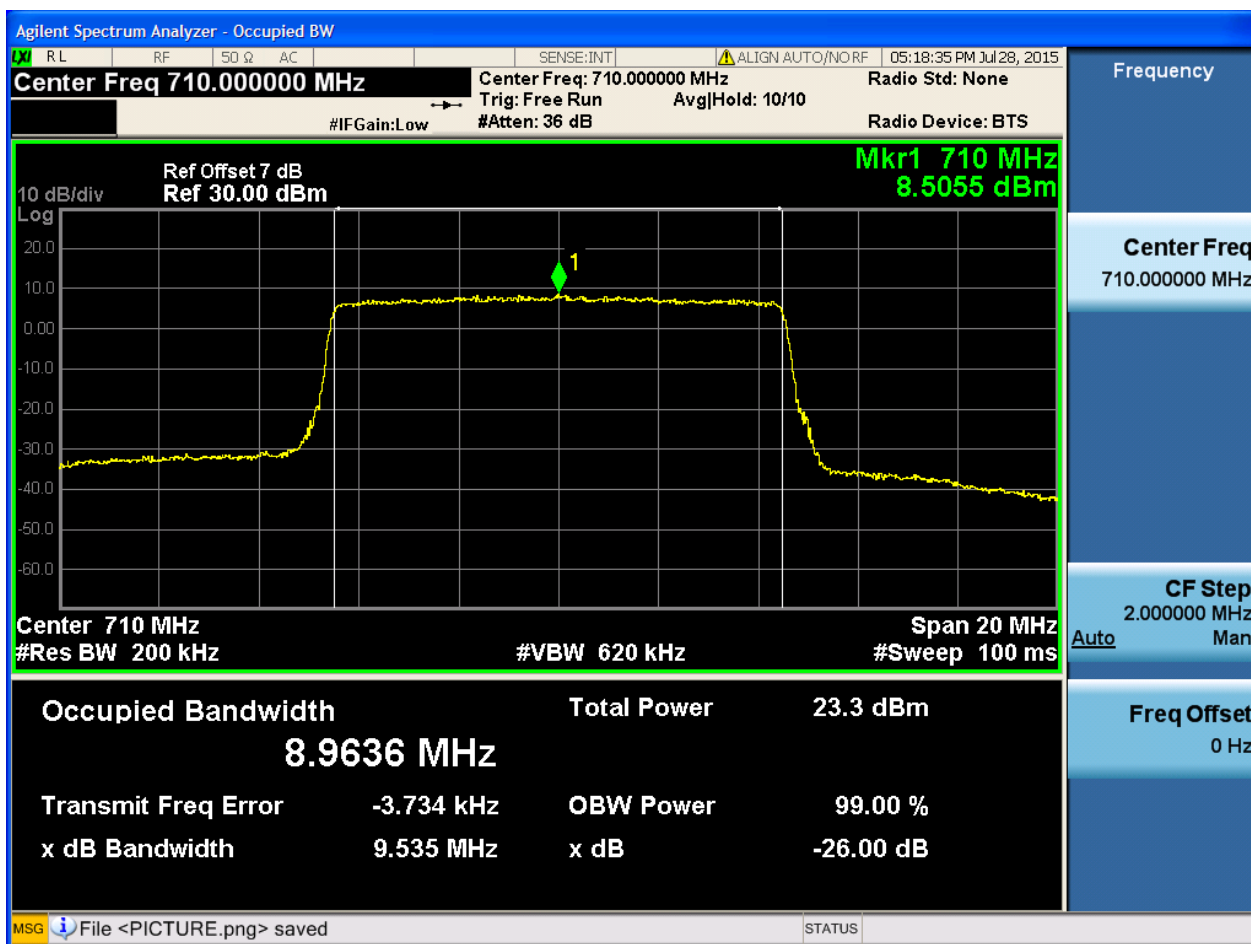
4.1.3.2.2.1 Test Channel = LCH

4.1.3.2.2.1.1 Test RB = RB50#0



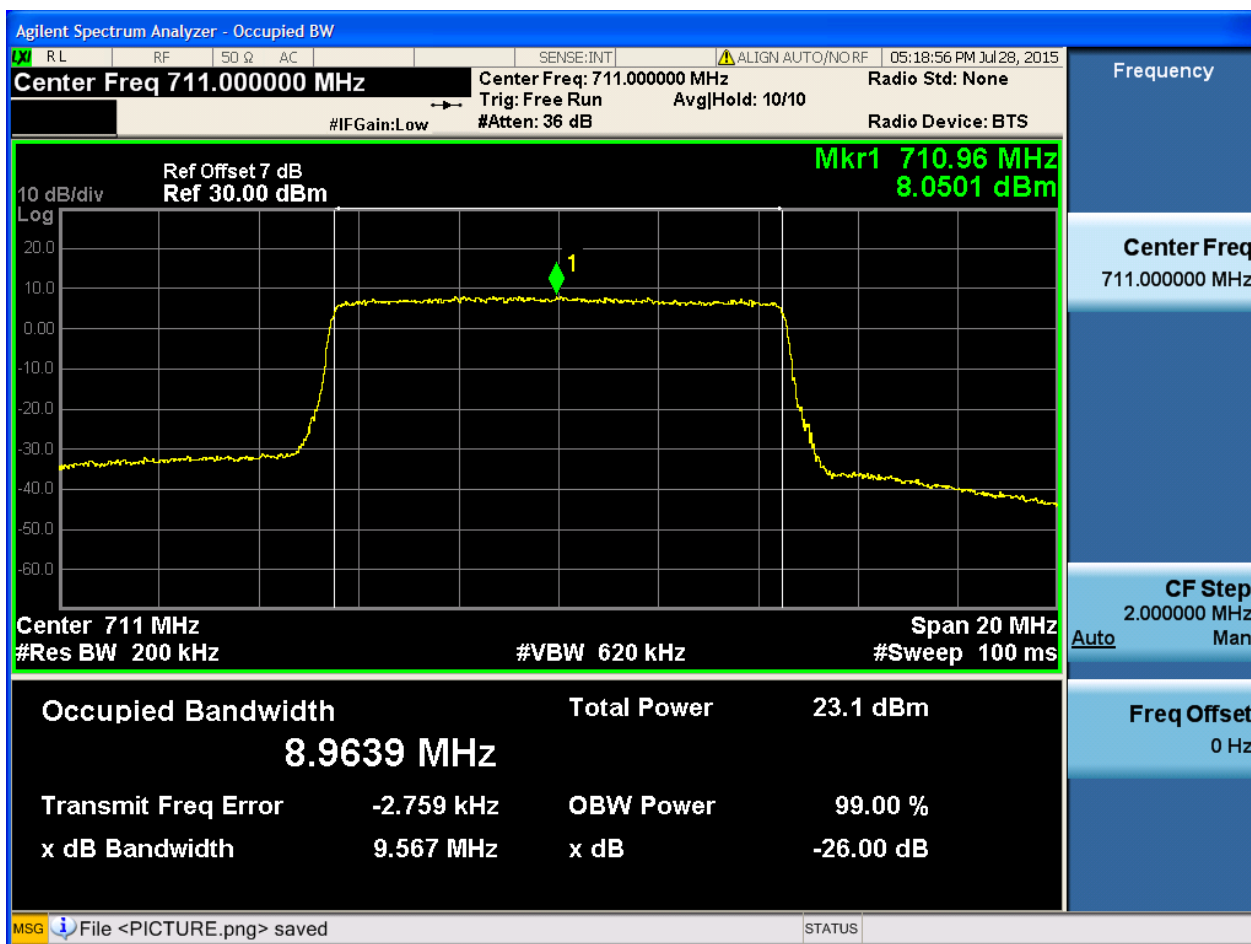
4.1.3.2.2.2 Test Channel = MCH

4.1.3.2.2.1 Test RB = RB50#0



4.1.3.2.2.3 Test Channel = HCH

4.1.3.2.2.3.1 Test RB = RB50#0



5Appendix_E: Band Edges Compliance

Part I - Test Plots

5.1 For LTE

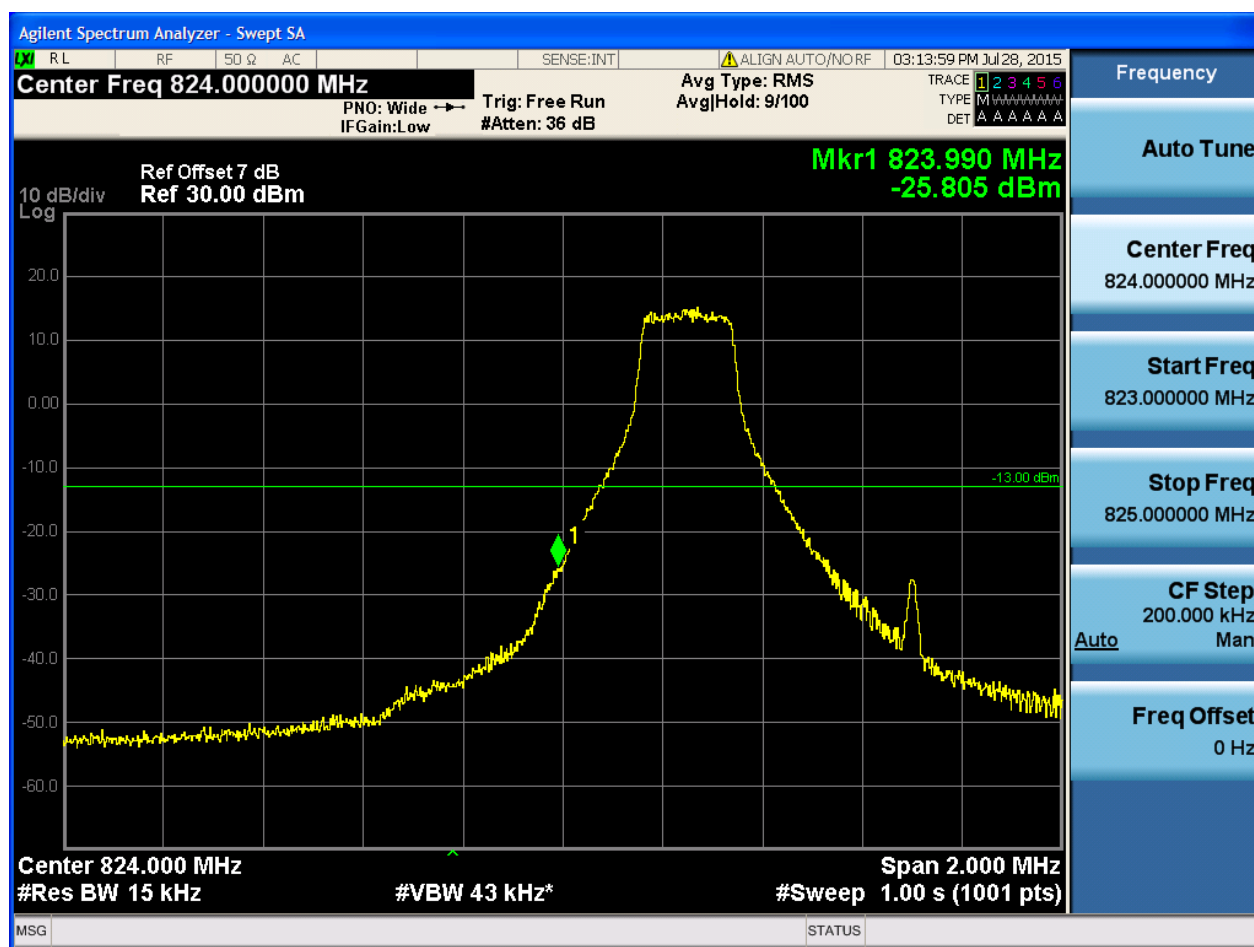
5.1.1 Test Band = BAND5

5.1.1.1 Test Mode = LTE/TM1

5.1.1.1.1 Test Bandwidth = 1.4

5.1.1.1.1.1 Test Channel = LCH

5.1.1.1.1.1.1 Test RB = RB1#0





Agilent Spectrum Analyzer - Swept SA

Center Freq 824.000000 MHz

Ref Offset 7 dB
Ref 30.00 dBm

10 dB/div
Log

Center 824.000 MHz
#Res BW 15 kHz

Span 2.000 MHz
#Sweep 1.00 s (1001 pts)

Trig: Free Run
#Atten: 36 dB

Avg Type: RMS
Avg|Hold: 9/100

Mkr1 823.300 MHz
-51.411 dBm

-13.00 dBm

Auto Tune

Center Freq
824.000000 MHz

Start Freq
823.000000 MHz

Stop Freq
825.000000 MHz

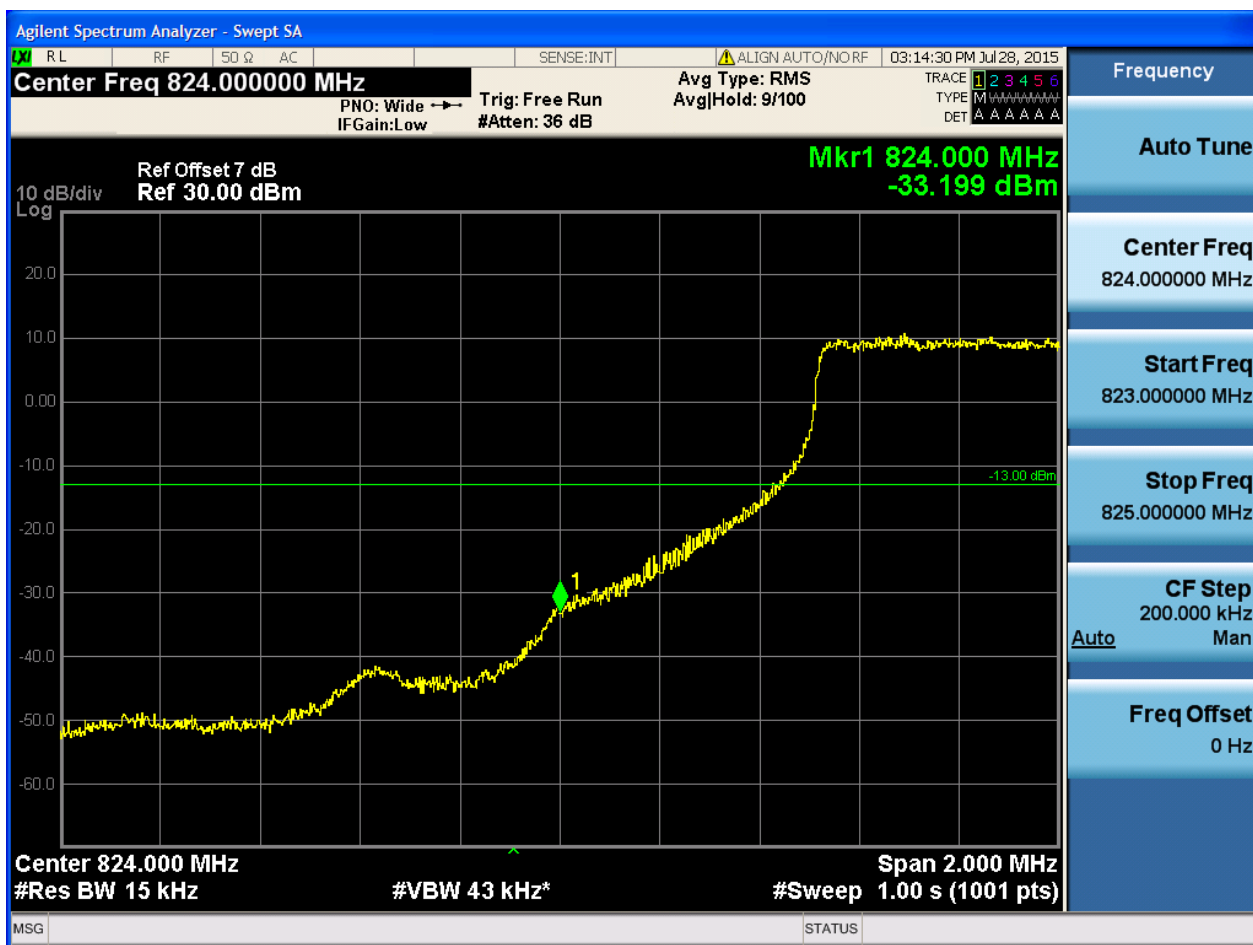
CF Step
200.000 kHz
Man

Freq Offset
0 Hz

MSG STATUS

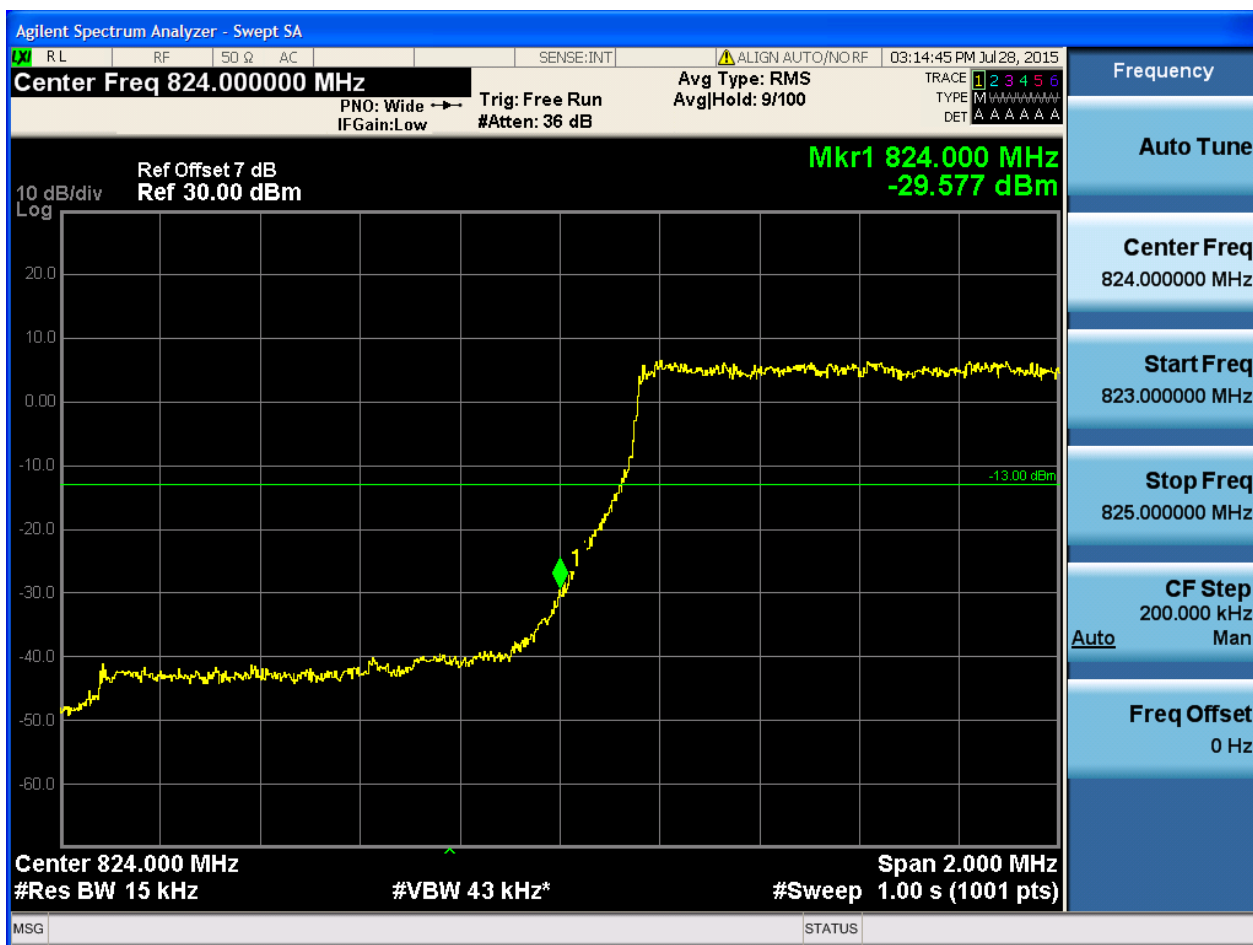


5.1.1.1.1.3 Test RB = RB3#2





5.1.1.1.1.4 Test RB = RB6#0

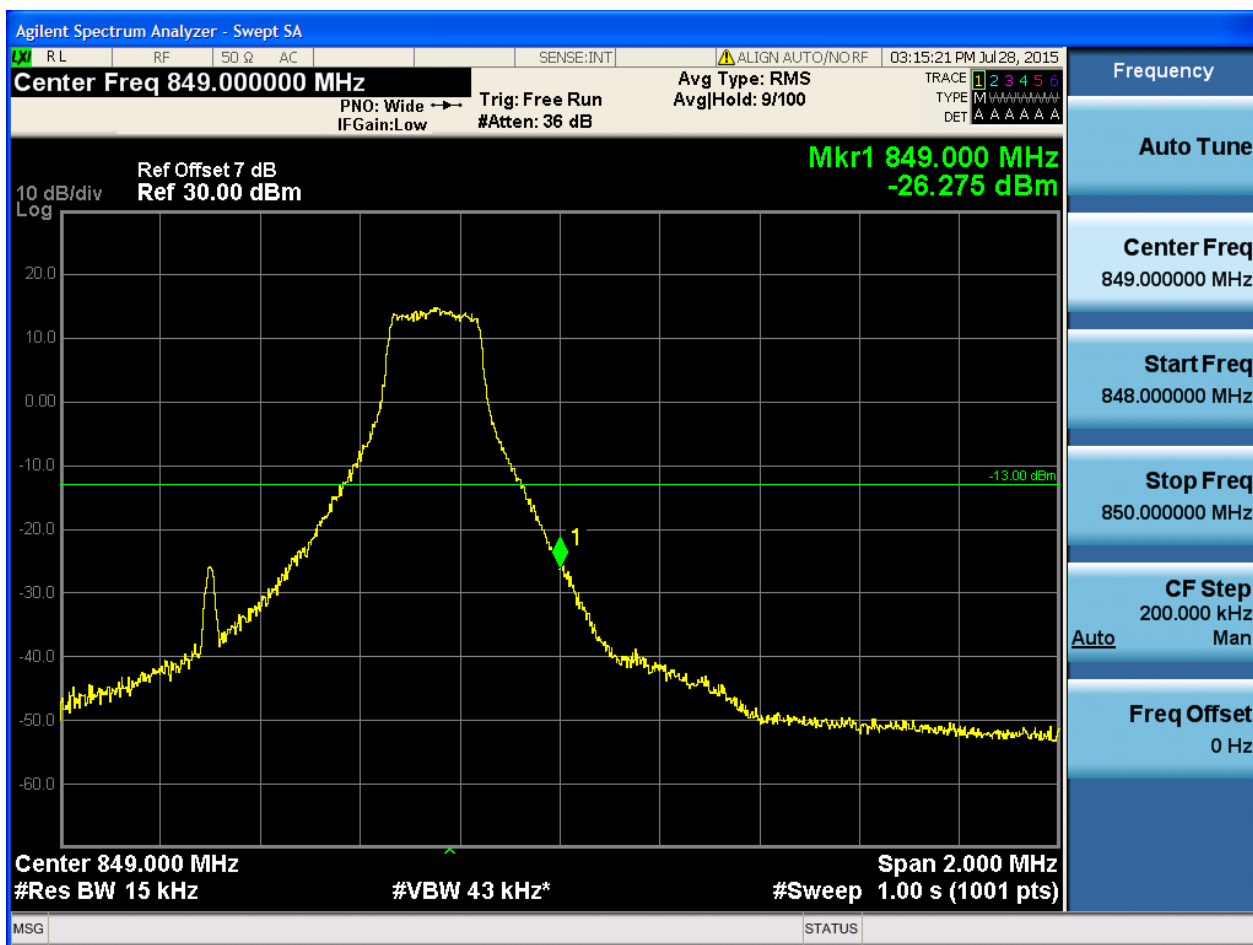




5.1.1.1.1.2.1 Test RB = RB1#0



5.1.1.1.2.2 Test RB = RB1#5





Agilent Spectrum Analyzer - Swept SA

Center Freq 849.000000 MHz

Ref Offset 7 dB
Ref 30.00 dBm

10 dB/div
Log

Trig: Free Run
#Atten: 36 dB

Avg Type: RMS
Avg|Hold: 9/100

TRACE 1 2 3 4 5 6
TYPE M H H H H H H H H H
DET A A A A A A

ALIGN AUTO/NORF

03:15:36 PM Jul 28, 2015

Auto Tune

Center Freq
849.000000 MHz

Start Freq
848.000000 MHz

Stop Freq
850.000000 MHz

CF Step
200.000 kHz
Man

Auto

Freq Offset
0 Hz

Mkr1 849.010 MHz
-30.442 dBm

-13.00 dBm

Center 849.000 MHz
#Res BW 15 kHz

#VBW 43 kHz*

Span 2.000 MHz
#Sweep 1.00 s (1001 pts)

MSG

STATUS



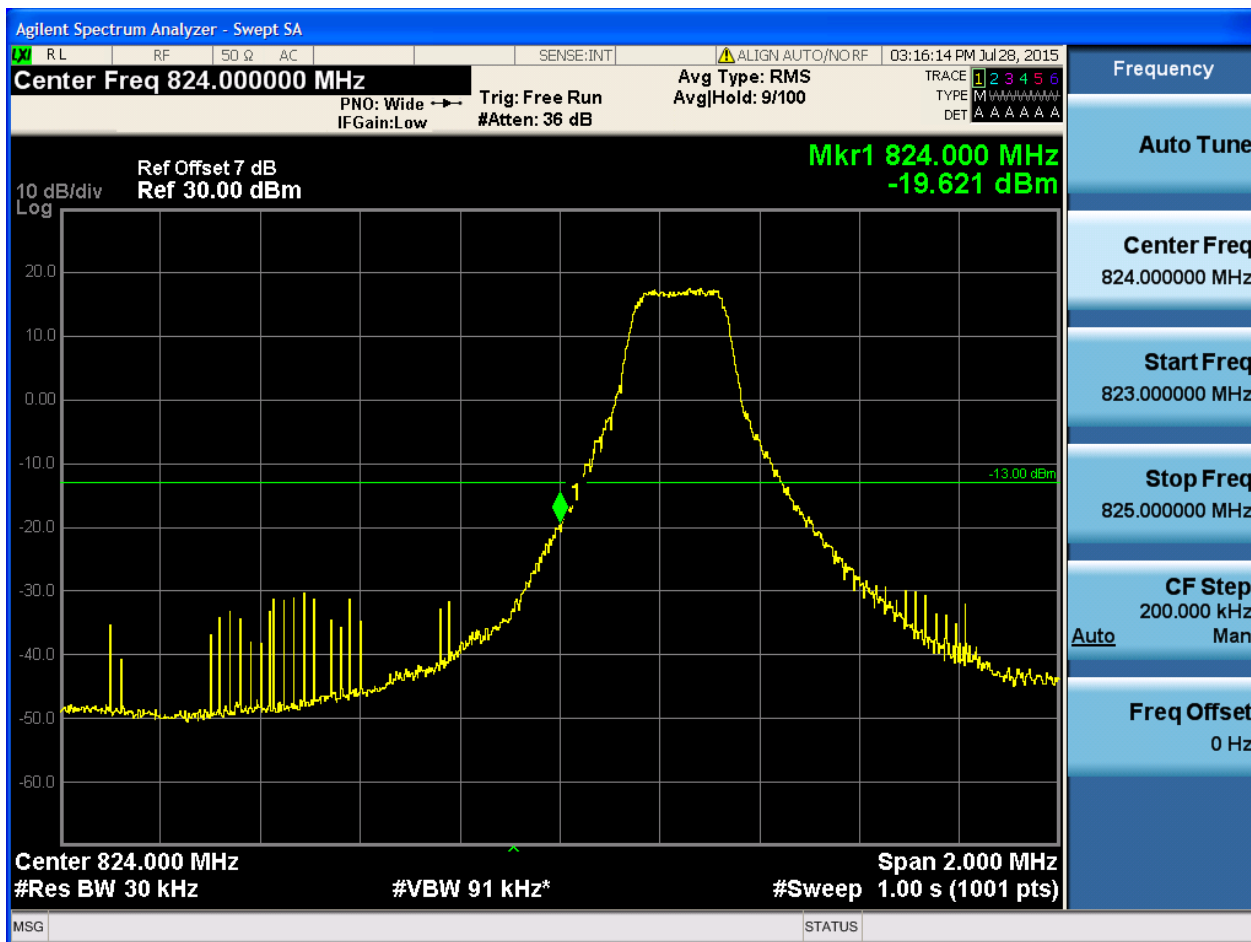
5.1.1.1.2.4 Test RB = RB6#0



5.1.1.1.2 Test Bandwidth = 3

5.1.1.1.2.1 Test Channel = LCH

5.1.1.1.2.1.1 Test RB = RB1#0





Agilent Spectrum Analyzer - Swept SA

Center Freq 824.000000 MHz

Ref Offset 7 dB
Ref 30.00 dBm

10 dB/div
Log

Center 824.000 MHz
#Res BW 30 kHz

Span 2.000 MHz
#Sweep 1.00 s (1001 pts)

Trig: Free Run
#Atten: 36 dB

Avg Type: RMS
Avg/Hold: 10/100

TRACE 1 2 3 4 5 6
TYPE M W W W W W W W
DET A A A A A A

Frequency

Auto Tune

Center Freq
824.000000 MHz

Start Freq
823.000000 MHz

Stop Freq
825.000000 MHz

CF Step
200.000 kHz
Man

Auto

Freq Offset
0 Hz

Mkr1 823.010 MHz
-44.347 dBm

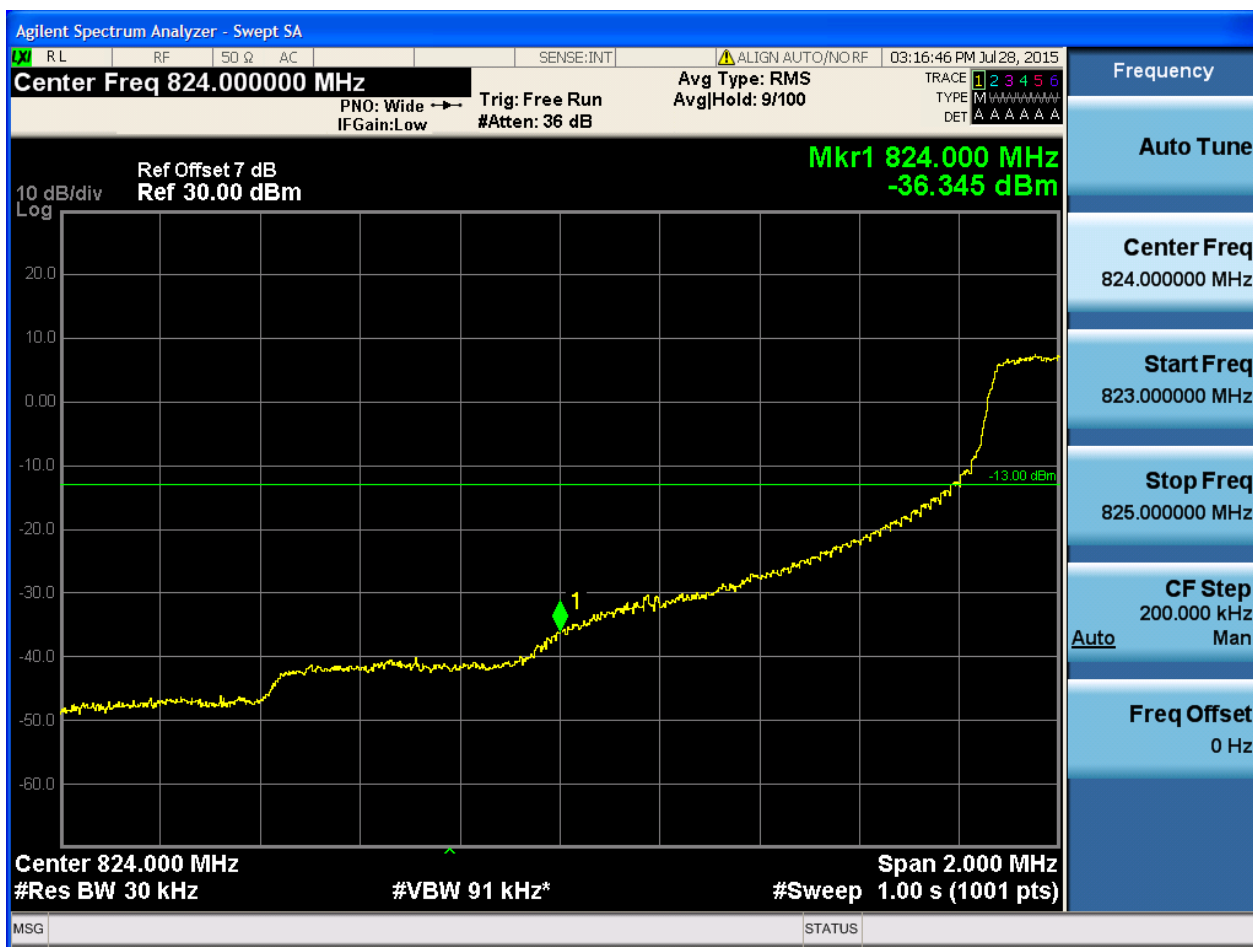
-13.00 dBm

1

MSG STATUS

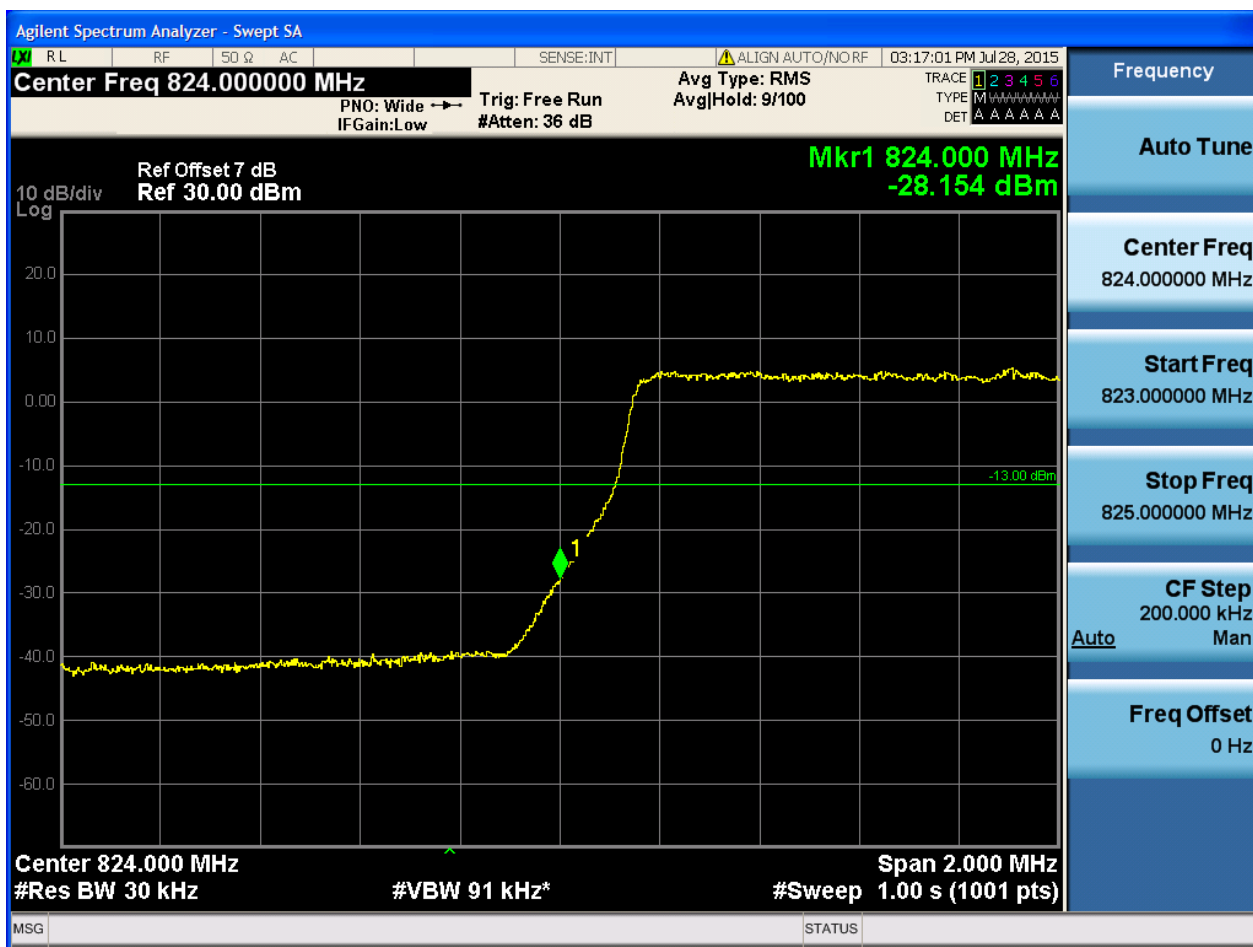


5.1.1.1.2.1.3 Test RB = RB8#4





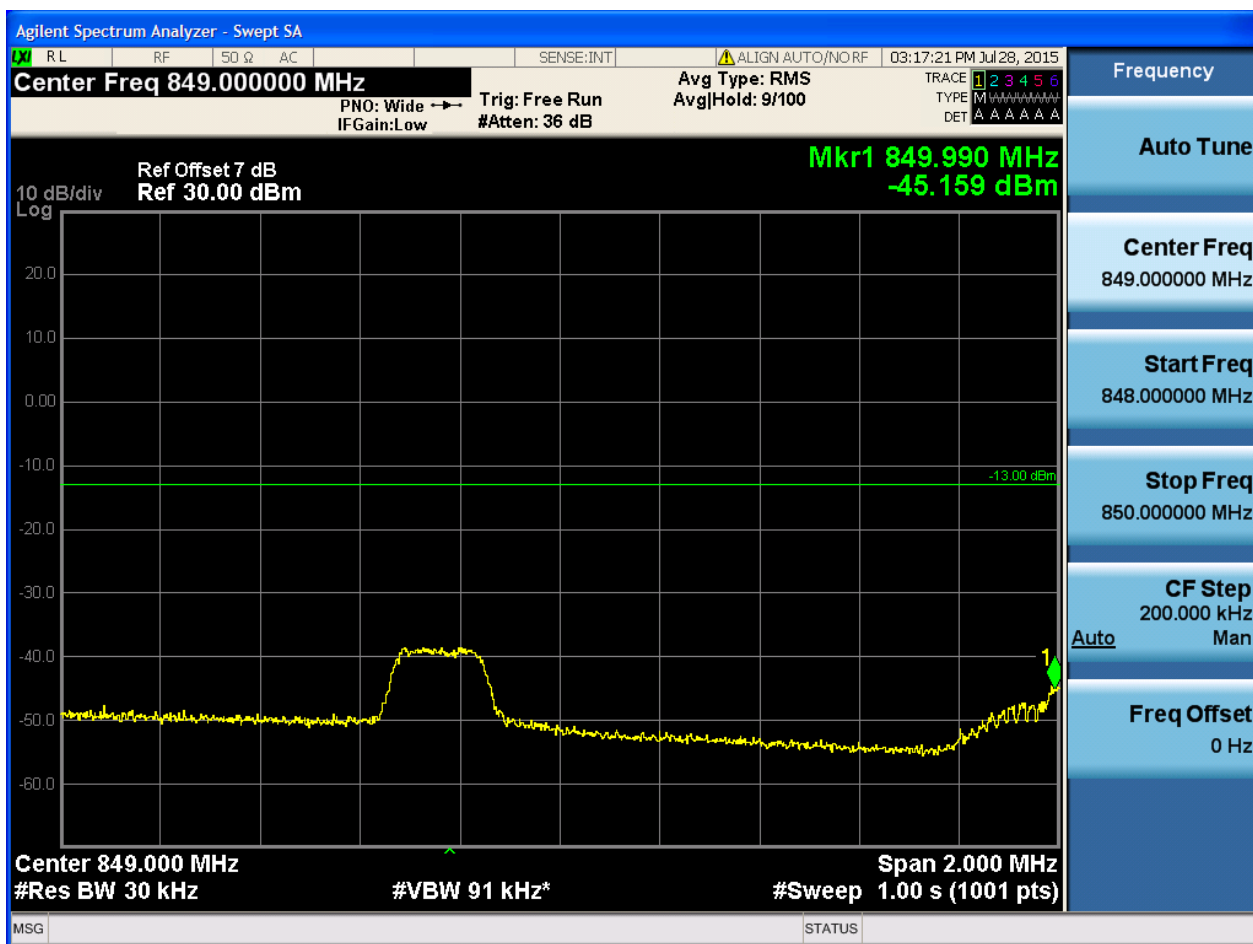
5.1.1.1.2.1.4 Test RB = RB15#0





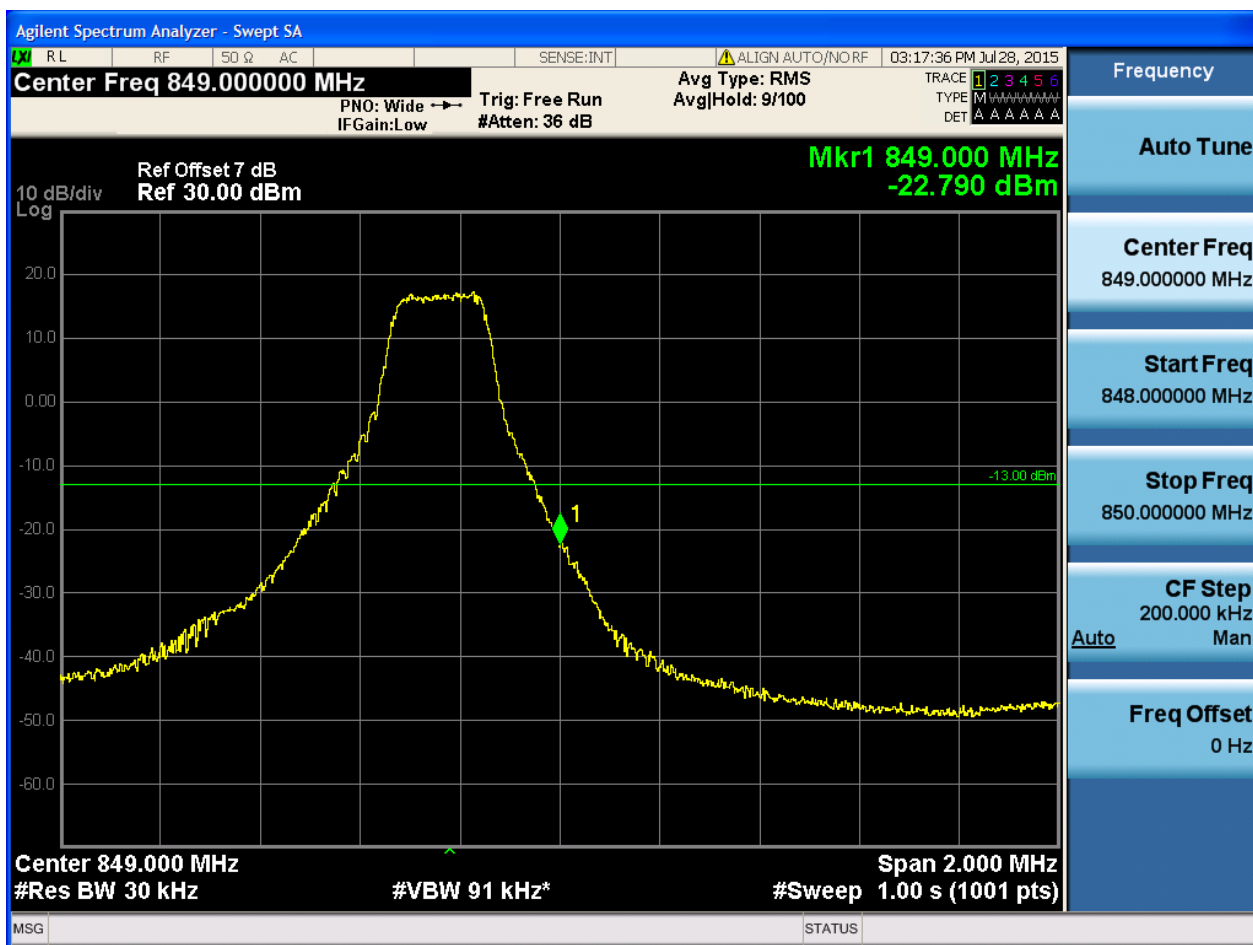
5.1.1.1.2.2 Test Channel = HCH

5.1.1.1.2.2.1 Test RB = RB1#0





5.1.1.1.2.2.2 Test RB = RB1#14





Agilent Spectrum Analyzer - Swept SA

Center Freq 849.000000 MHz

PNO: Wide → Trig: Free Run
IFGain: Low #Atten: 36 dB

Avg Type: RMS
Avg/Hold: 9/100

TRACE 1 2 3 4 5 6
TYPE M W W W W W W W
DET A A A A A A

Ref Offset 7 dB
Ref 30.00 dBm

Mkr1 849.010 MHz
-36.088 dBm

10 dB/div
Log

-13.00 dBm

Center 849.000 MHz
#Res BW 30 kHz

#VBW 91 kHz*

Span 2.000 MHz
#Sweep 1.00 s (1001 pts)

Frequency	
Auto Tune	
Center Freq	849.000000 MHz
Start Freq	848.000000 MHz
Stop Freq	850.000000 MHz
CF Step	200.000 kHz
Auto	Man
Freq Offset	0 Hz



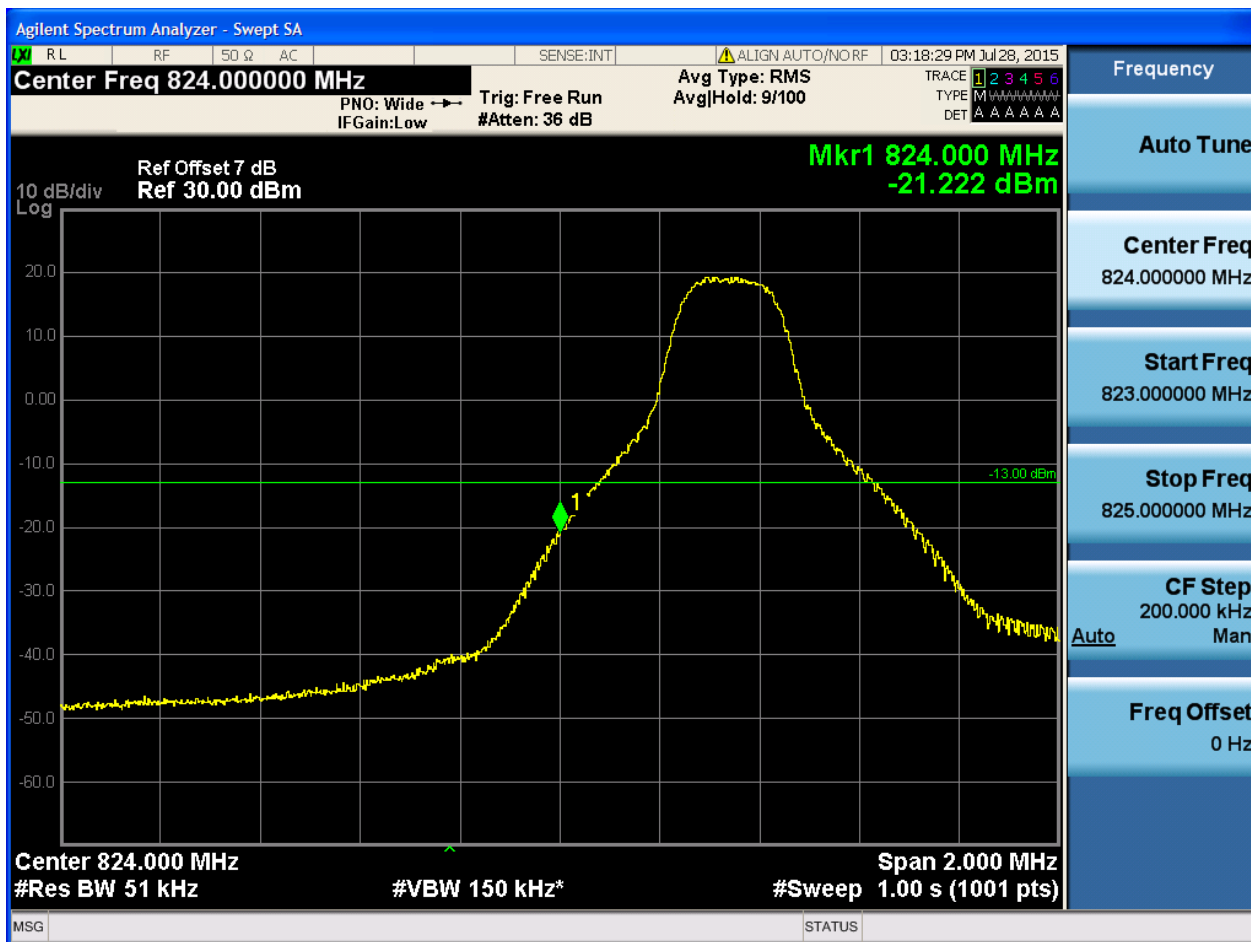
5.1.1.1.2.2.4 Test RB = RB15#0



5.1.1.1.3 Test Bandwidth = 5

5.1.1.1.3.1 Test Channel = LCH

5.1.1.1.3.1.1 Test RB = RB1#0





5.1.1.1.3.1.2 Test RB = RB1#24

