



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
BAND38	LTE/TM1	5	LCH	RB1#0	21.51	23.08	33	PASS
				RB1#13	21.4	22.97	33	PASS
				RB1#24	21.17	22.74	33	PASS
				RB12#0	20.54	22.11	33	PASS
				RB12#6	20.45	22.02	33	PASS
				RB12#13	20.3	21.87	33	PASS
				RB25#0	20.41	21.98	33	PASS
			MCH	RB1#0	21.38	22.95	33	PASS
				RB1#13	21.23	22.8	33	PASS
				RB1#24	21.36	22.93	33	PASS
				RB12#0	20.4	21.97	33	PASS
				RB12#6	20.39	21.96	33	PASS
				RB12#13	20.42	21.99	33	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	ERP [dBm]	Limit [dBm]	Verdict
				RB25#0	20.46	22.03	33	PASS
			HCH	RB1#0	21.4	22.97	33	PASS
				RB1#13	21.35	22.92	33	PASS
				RB1#24	21.16	22.73	33	PASS
				RB12#0	20.53	22.1	33	PASS
				RB12#6	20.51	22.08	33	PASS
				RB12#13	20.47	22.04	33	PASS
				RB25#0	20.5	22.07	33	PASS
		10	LCH	RB1#0	21.52	23.09	33	PASS
				RB1#25	21.32	22.89	33	PASS
				RB1#49	21.43	23	33	PASS
				RB25#0	20.55	22.12	33	PASS
				RB25#13	20.54	22.11	33	PASS
				RB25#25	20.39	21.96	33	PASS
				RB50#0	20.45	22.02	33	PASS
			MCH	RB1#0	21.5	23.07	33	PASS
				RB1#25	21.34	22.91	33	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	ERP [dBm]	Limit [dBm]	Verdict
				RB1#49	21.37	22.94	33	PASS
				RB25#0	20.45	22.02	33	PASS
				RB25#13	20.48	22.05	33	PASS
				RB25#25	20.46	22.03	33	PASS
				RB50#0	20.39	21.96	33	PASS
			HCH	RB1#0	21.49	23.06	33	PASS
				RB1#25	21.32	22.89	33	PASS
				RB1#49	21.32	22.89	33	PASS
				RB25#0	20.53	22.1	33	PASS
				RB25#13	20.49	22.06	33	PASS
				RB25#25	20.5	22.07	33	PASS
				RB50#0	20.51	22.08	33	PASS
		15	LCH	RB1#0	21.64	23.21	33	PASS
				RB1#38	21.29	22.86	33	PASS
				RB1#74	21.25	22.82	33	PASS
				RB36#0	20.61	22.18	33	PASS
				RB36#18	20.46	22.03	33	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	ERP [dBm]	Limit [dBm]	Verdict
				RB36#39	20.46	22.03	33	PASS
				RB75#0	20.54	22.11	33	PASS
			MCH	RB1#0	21.54	23.11	33	PASS
				RB1#38	21.28	22.85	33	PASS
				RB1#74	21.18	22.75	33	PASS
				RB36#0	20.52	22.09	33	PASS
				RB36#18	20.45	22.02	33	PASS
				RB36#39	20.34	21.91	33	PASS
				RB75#0	20.42	21.99	33	PASS
			HCH	RB1#0	21.64	23.21	33	PASS
				RB1#38	21.31	22.88	33	PASS
				RB1#74	21.2	22.77	33	PASS
				RB36#0	20.52	22.09	33	PASS
				RB36#18	20.41	21.98	33	PASS
				RB36#39	20.41	21.98	33	PASS
				RB75#0	20.4	21.97	33	PASS
		20	LCH	RB1#0	21.77	23.34	33	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	ERP [dBm]	Limit [dBm]	Verdict
				RB1#50	22.04	23.61	33	PASS
				RB1#99	21.62	23.19	33	PASS
				RB50#0	20.52	22.09	33	PASS
				RB50#25	20.56	22.13	33	PASS
				RB50#50	20.47	22.04	33	PASS
				RB100#0	20.53	22.1	33	PASS
			MCH	RB1#0	21.75	23.32	33	PASS
				RB1#50	21.73	23.3	33	PASS
				RB1#99	21.32	22.89	33	PASS
				RB50#0	20.62	22.19	33	PASS
				RB50#25	20.52	22.09	33	PASS
				RB50#50	20.32	21.89	33	PASS
				RB100#0	20.42	21.99	33	PASS
			HCH	RB1#0	21.64	23.21	33	PASS
				RB1#50	21.59	23.16	33	PASS
				RB1#99	21.24	22.81	33	PASS
				RB50#0	20.54	22.11	33	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	ERP [dBm]	Limit [dBm]	Verdict
				RB50#25	20.52	22.09	33	PASS
				RB50#50	20.34	21.91	33	PASS
				RB100#0	20.46	22.03	33	PASS
	LTE/TM2	5	LCH	RB1#0	20.46	22.03	33	PASS
				RB1#13	20.25	21.82	33	PASS
				RB1#24	20.25	21.82	33	PASS
				RB12#0	19.56	21.13	33	PASS
				RB12#6	19.54	21.11	33	PASS
				RB12#13	19.67	21.24	33	PASS
				RB25#0	19.56	21.13	33	PASS
			MCH	RB1#0	20.32	21.89	33	PASS
				RB1#13	20.28	21.85	33	PASS
				RB1#24	20.37	21.94	33	PASS
				RB12#0	19.66	21.23	33	PASS
				RB12#6	19.57	21.14	33	PASS
				RB12#13	19.59	21.16	33	PASS
				RB25#0	19.6	21.17	33	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	ERP [dBm]	Limit [dBm]	Verdict
			HCH	RB1#0	20.3	21.87	33	PASS
				RB1#13	20.33	21.9	33	PASS
				RB1#24	20.17	21.74	33	PASS
				RB12#0	19.68	21.25	33	PASS
				RB12#6	19.63	21.2	33	PASS
				RB12#13	19.56	22.07	33	PASS
				RB25#0	19.53	21.10	33	PASS
		10	LCH	RB1#0	20.83	22.4	33	PASS
				RB1#25	20.85	22.42	33	PASS
				RB1#49	20.67	22.24	33	PASS
				RB25#0	19.62	21.19	33	PASS
				RB25#13	19.76	21.33	33	PASS
				RB25#25	19.76	21.25	33	PASS
				RB50#0	19.68	21.25	33	PASS
			MCH	RB1#0	20.77	22.34	33	PASS
				RB1#25	20.77	22.34	33	PASS
				RB1#49	20.6	22.17	33	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[d Bm]	ERP [dBm]	Limit [dBm]	Verdict
				RB25#0	19.64	21.21	33	PASS
				RB25#13	19.54	21.01	33	PASS
				RB25#25	19.61	21.18	33	PASS
				RB50#0	19.59	21.06	33	PASS
			HCH	RB1#0	20.75	22.32	33	PASS
				RB1#25	20.88	22.45	33	PASS
				RB1#49	20.48	22.05	33	PASS
				RB25#0	19.6	21.17	33	PASS
				RB25#13	19.57	21.14	33	PASS
				RB25#25	19.66	21.16	33	PASS
				RB50#0	19.61	21.18	33	PASS
		15	LCH	RB1#0	20.99	22.56	33	PASS
				RB1#38	20.54	22.11	33	PASS
				RB1#74	20.64	22.21	33	PASS
				RB36#0	19.70	21.32	33	PASS
				RB36#18	19.68	21.15	33	PASS
				RB36#39	19.78	21.25	33	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	ERP [dBm]	Limit [dBm]	Verdict
				RB75#0	19.68	21.25	33	PASS
			MCH	RB1#0	20.92	22.49	33	PASS
				RB1#38	20.56	22.13	33	PASS
				RB1#74	20.58	22.15	33	PASS
				RB36#0	19.64	21.21	33	PASS
				RB36#18	19.58	21.15	33	PASS
				RB36#39	19.66	21.23	33	PASS
				RB75#0	19.55	21.07	33	PASS
			HCH	RB1#0	20.82	22.39	33	PASS
				RB1#38	20.62	22.19	33	PASS
				RB1#74	20.62	22.19	33	PASS
				RB36#0	19.57	21.14	33	PASS
				RB36#18	19.68	21.14	33	PASS
				RB36#39	19.76	21.23	33	PASS
				RB75#0	19.68	21.11	33	PASS
		20	LCH	RB1#0	21.13	22.7	33	PASS
				RB1#50	21.04	22.61	33	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	ERP [dBm]	Limit [dBm]	Verdict
				RB1#99	20.9	22.47	33	PASS
				RB50#0	19.58	21.15	33	PASS
				RB50#25	19.62	21.19	33	PASS
				RB50#50	19.54	21.11	33	PASS
				RB100#0	19.78	21.25	33	PASS
			MCH	RB1#0	21.14	22.71	33	PASS
				RB1#50	21	22.57	33	PASS
				RB1#99	20.83	22.4	33	PASS
				RB50#0	19.69	21.26	33	PASS
				RB50#25	19.59	21.16	33	PASS
				RB50#50	19.72	21.25	33	PASS
				RB100#0	19.74	21.24	33	PASS
			HCH	RB1#0	21.05	22.62	33	PASS
				RB1#50	21	22.57	33	PASS
				RB1#99	20.83	22.4	33	PASS
				RB50#0	19.62	21.19	33	PASS
				RB50#25	19.56	21.13	33	PASS



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	ERP [dBm]	Limit [dBm]	Verdict
				RB50#50	19.57	21.07	33	PASS
				RB100#0	19.78	21.25	33	PASS

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	23.06	19.48	38.5	PASS
				RB1#3	22.97	19.39	38.5	PASS
				RB1#5	23	19.42	38.5	PASS
				RB3#0	22.93	19.35	38.5	PASS
				RB3#2	22.89	19.31	38.5	PASS
				RB3#3	23.11	19.53	38.5	PASS
				RB6#0	21.96	18.38	38.5	PASS
			MCH	RB1#0	23.39	19.81	38.5	PASS
				RB1#3	23.36	19.78	38.5	PASS
				RB1#5	23.22	19.64	38.5	PASS
				RB3#0	23.28	19.7	38.5	PASS
				RB3#2	23.24	19.66	38.5	PASS
				RB3#3	23.17	19.59	38.5	PASS
				RB6#0	22.18	18.6	38.5	PASS
			HCH	RB1#0	23.2	19.62	38.5	PASS
				RB1#3	23.21	19.63	38.5	PASS
				RB1#5	23.11	19.53	38.5	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	ERP [dBm]	Limit [dBm]	Verdict
				RB3#0	23.16	19.58	38.5	PASS
				RB3#2	23.21	19.63	38.5	PASS
				RB3#3	23.17	19.59	38.5	PASS
				RB6#0	22.12	18.54	38.5	PASS
		3	LCH	RB1#0	23.06	19.48	38.5	PASS
				RB1#7	23.28	19.7	38.5	PASS
				RB1#14	23.42	19.84	38.5	PASS
				RB8#0	21.99	18.41	38.5	PASS
				RB8#4	21.98	18.4	38.5	PASS
				RB8#7	21.99	18.41	38.5	PASS
				RB15#0	22.16	18.58	38.5	PASS
			MCH	RB1#0	23.34	19.76	38.5	PASS
				RB1#7	23.29	19.71	38.5	PASS
				RB1#14	23.31	19.73	38.5	PASS
				RB8#0	22.27	18.69	38.5	PASS
				RB8#4	22.19	18.61	38.5	PASS
				RB8#7	22.17	18.59	38.5	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	ERP [dBm]	Limit [dBm]	Verdict
				RB15#0	22.23	18.65	38.5	PASS
			HCH	RB1#0	23.25	19.67	38.5	PASS
				RB1#7	23.4	19.82	38.5	PASS
				RB1#14	23.25	19.67	38.5	PASS
				RB8#0	22.08	18.5	38.5	PASS
				RB8#4	22.13	18.55	38.5	PASS
				RB8#7	22.15	18.57	38.5	PASS
				RB15#0	22.14	18.56	38.5	PASS
		5	LCH	RB1#0	23.15	19.57	38.5	PASS
				RB1#13	23.16	19.58	38.5	PASS
				RB1#24	22.94	19.36	38.5	PASS
				RB12#0	22.04	18.46	38.5	PASS
				RB12#6	22.02	18.44	38.5	PASS
				RB12#13	22.05	18.47	38.5	PASS
				RB25#0	22.01	18.43	38.5	PASS
			MCH	RB1#0	23.34	19.76	38.5	PASS
				RB1#13	23	19.42	38.5	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	ERP [dBm]	Limit [dBm]	Verdict
				RB1#24	23.27	19.69	38.5	PASS
				RB12#0	22.18	18.6	38.5	PASS
				RB12#6	22.12	18.54	38.5	PASS
				RB12#13	22.1	18.52	38.5	PASS
				RB25#0	22.12	18.54	38.5	PASS
			HCH	RB1#0	23.31	19.73	38.5	PASS
				RB1#13	23.02	19.44	38.5	PASS
				RB1#24	23.02	19.44	38.5	PASS
				RB12#0	22.07	18.49	38.5	PASS
				RB12#6	22.09	18.51	38.5	PASS
				RB12#13	22.13	18.55	38.5	PASS
				RB25#0	22.02	18.44	38.5	PASS
		10	LCH	RB1#0	23.23	19.65	38.5	PASS
				RB1#25	23.21	19.63	38.5	PASS
				RB1#49	23.36	19.78	38.5	PASS
				RB25#0	22.11	18.53	38.5	PASS
				RB25#13	22.04	18.46	38.5	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	ERP [dBm]	Limit [dBm]	Verdict
				RB25#25	22.25	18.67	38.5	PASS
				RB50#0	22.13	18.55	38.5	PASS
			MCH	RB1#0	23.3	19.72	38.5	PASS
				RB1#25	23.37	19.79	38.5	PASS
				RB1#49	23.37	19.79	38.5	PASS
				RB25#0	22.24	18.66	38.5	PASS
				RB25#13	22.22	18.64	38.5	PASS
				RB25#25	22.24	18.66	38.5	PASS
				RB50#0	22.21	18.63	38.5	PASS
			HCH	RB1#0	23.41	19.83	38.5	PASS
				RB1#25	23.4	19.82	38.5	PASS
				RB1#49	23.48	19.9	38.5	PASS
				RB25#0	22.24	18.66	38.5	PASS
				RB25#13	22.11	18.53	38.5	PASS
				RB25#25	22.11	18.53	38.5	PASS
				RB50#0	22.17	18.59	38.5	PASS
	LTE/TM2	1.4	LCH	RB1#0	22.46	18.88	38.5	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	ERP [dBm]	Limit [dBm]	Verdict
				RB1#3	22.53	18.95	38.5	PASS
				RB1#5	22.48	18.9	38.5	PASS
				RB3#0	22.24	18.66	38.5	PASS
				RB3#2	22.02	18.44	38.5	PASS
				RB3#3	22.03	18.45	38.5	PASS
				RB6#0	20.94	17.36	38.5	PASS
			MCH	RB1#0	22.5	18.92	38.5	PASS
				RB1#3	22.65	19.07	38.5	PASS
				RB1#5	22.54	18.96	38.5	PASS
				RB3#0	22.13	18.55	38.5	PASS
				RB3#2	22.18	18.6	38.5	PASS
				RB3#3	22.1	18.52	38.5	PASS
				RB6#0	21.3	17.72	38.5	PASS
			HCH	RB1#0	22.61	19.03	38.5	PASS
				RB1#3	22.67	19.09	38.5	PASS
				RB1#5	22.66	19.08	38.5	PASS
				RB3#0	22.07	18.49	38.5	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	ERP [dBm]	Limit [dBm]	Verdict
				RB3#2	22.11	18.53	38.5	PASS
				RB3#3	22.05	18.47	38.5	PASS
				RB6#0	21	17.42	38.5	PASS
		3	LCH	RB1#0	22.22	18.64	38.5	PASS
				RB1#7	22.35	18.77	38.5	PASS
				RB1#14	22.23	18.65	38.5	PASS
				RB8#0	20.84	17.26	38.5	PASS
				RB8#4	21.02	17.44	38.5	PASS
				RB8#7	20.93	17.35	38.5	PASS
				RB15#0	21	17.42	38.5	PASS
			MCH	RB1#0	22.73	19.15	38.5	PASS
				RB1#7	22.55	18.97	38.5	PASS
				RB1#14	22.49	18.91	38.5	PASS
				RB8#0	20.97	17.39	38.5	PASS
				RB8#4	20.82	17.24	38.5	PASS
				RB8#7	20.89	17.31	38.5	PASS
				RB15#0	20.9	17.32	38.5	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	ERP [dBm]	Limit [dBm]	Verdict
			HCH	RB1#0	22.21	18.63	38.5	PASS
				RB1#7	22.49	18.91	38.5	PASS
				RB1#14	22.32	18.74	38.5	PASS
				RB8#0	20.82	17.24	38.5	PASS
				RB8#4	20.78	17.2	38.5	PASS
				RB8#7	20.91	17.33	38.5	PASS
				RB15#0	21.21	17.63	38.5	PASS
		5	LCH	RB1#0	21.77	18.19	38.5	PASS
				RB1#13	21.68	18.1	38.5	PASS
				RB1#24	21.82	18.24	38.5	PASS
				RB12#0	20.69	17.11	38.5	PASS
				RB12#6	20.77	17.19	38.5	PASS
				RB12#13	21.01	17.43	38.5	PASS
				RB25#0	20.98	17.4	38.5	PASS
			MCH	RB1#0	22.19	18.61	38.5	PASS
				RB1#13	21.87	18.29	38.5	PASS
				RB1#24	21.94	18.36	38.5	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	ERP [dBm]	Limit [dBm]	Verdict
				RB12#0	21.21	17.63	38.5	PASS
				RB12#6	21.13	17.55	38.5	PASS
				RB12#13	21.24	17.66	38.5	PASS
				RB25#0	21.09	17.51	38.5	PASS
			HCH	RB1#0	22.16	18.58	38.5	PASS
				RB1#13	21.8	18.22	38.5	PASS
				RB1#24	21.88	18.3	38.5	PASS
				RB12#0	21.25	17.67	38.5	PASS
				RB12#6	21.26	17.68	38.5	PASS
				RB12#13	21.18	17.6	38.5	PASS
				RB25#0	21.12	17.54	38.5	PASS
		10	LCH	RB1#0	22.2	18.62	38.5	PASS
				RB1#25	22.36	18.78	38.5	PASS
				RB1#49	22.47	18.89	38.5	PASS
				RB25#0	21.15	17.57	38.5	PASS
				RB25#13	20.99	17.41	38.5	PASS
				RB25#25	21.01	17.43	38.5	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	ERP [dBm]	Limit [dBm]	Verdict
				RB50#0	21.02	17.44	38.5	PASS
				RB1#0	22.49	18.91	38.5	PASS
			MCH	RB1#25	22.55	18.97	38.5	PASS
				RB1#49	22.48	18.9	38.5	PASS
				RB25#0	21.32	17.74	38.5	PASS
				RB25#13	21.07	17.49	38.5	PASS
				RB25#25	21.15	17.57	38.5	PASS
				RB50#0	21.13	17.55	38.5	PASS
			HCH	RB1#0	22.53	18.95	38.5	PASS
				RB1#25	22.58	19	38.5	PASS
				RB1#49	22.44	18.86	38.5	PASS
				RB25#0	21.24	17.66	38.5	PASS
				RB25#13	20.99	17.41	38.5	PASS
				RB25#25	20.92	17.34	38.5	PASS
				RB50#0	20.99	17.41	38.5	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: $RBW > \text{emission bandwidth}$, $VBW > 3 \times RBW$.

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
BAND38	LTE/TM1	5	LCH	RB1#0	4.29	13	PASS
				RB1#13	4.28	13	PASS
				RB1#24	4.3	13	PASS
				RB12#0	4.96	13	PASS
				RB12#6	4.93	13	PASS
				RB12#13	5	13	PASS
				RB25#0	5.55	13	PASS
			MCH	RB1#0	4.17	13	PASS
				RB1#13	4.24	13	PASS
				RB1#24	4.24	13	PASS
				RB12#0	4.96	13	PASS
				RB12#6	4.92	13	PASS
				RB12#13	4.99	13	PASS
				RB25#0	5.5	13	PASS
			HCH	RB1#0	4.07	13	PASS
				RB1#13	4.05	13	PASS
				RB1#24	4.03	13	PASS
				RB12#0	4.84	13	PASS
				RB12#6	4.78	13	PASS
				RB12#13	4.81	13	PASS
				RB25#0	5.37	13	PASS
		10	LCH	RB1#0	4.23	13	PASS
				RB1#25	4.32	13	PASS
				RB1#49	4.26	13	PASS
				RB25#0	5.05	13	PASS
				RB25#13	5.02	13	PASS
				RB25#25	5.08	13	PASS
				RB50#0	5.98	13	PASS
			MCH	RB1#0	4.21	13	PASS
				RB1#25	4.32	13	PASS

Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
				RB1#49	4.27	13	PASS
				RB25#0	5.03	13	PASS
				RB25#13	4.99	13	PASS
				RB25#25	5.09	13	PASS
				RB50#0	5.82	13	PASS
			HCH	RB1#0	4.25	13	PASS
				RB1#25	4.15	13	PASS
				RB1#49	4.02	13	PASS
				RB25#0	5.04	13	PASS
				RB25#13	4.92	13	PASS
				RB25#25	4.94	13	PASS
				RB50#0	5.65	13	PASS
		15	LCH	RB1#0	4.19	13	PASS
				RB1#38	4.29	13	PASS
				RB1#74	4.19	13	PASS
				RB36#0	5.04	13	PASS
				RB36#18	5.02	13	PASS
				RB36#39	5.12	13	PASS
				RB75#0	5.71	13	PASS
			MCH	RB1#0	4.2	13	PASS
				RB1#38	4.3	13	PASS
				RB1#74	4.3	13	PASS
				RB36#0	5.06	13	PASS
				RB36#18	5.02	13	PASS
				RB36#39	5.21	13	PASS
				RB75#0	5.66	13	PASS
			HCH	RB1#0	4.15	13	PASS
				RB1#38	4.25	13	PASS
				RB1#74	4.02	13	PASS
				RB36#0	5.09	13	PASS
				RB36#18	4.99	13	PASS
				RB36#39	5.04	13	PASS
				RB75#0	5.74	13	PASS
		20	LCH	RB1#0	4.14	13	PASS
				RB1#50	3.92	13	PASS
				RB1#99	4.11	13	PASS
				RB50#0	5.03	13	PASS
				RB50#25	4.99	13	PASS
				RB50#50	5.06	13	PASS

Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
				RB100#0	5.76	13	PASS
			MCH	RB1#0	4.05	13	PASS
				RB1#50	4.13	13	PASS
				RB1#99	4.25	13	PASS
				RB50#0	4.97	13	PASS
				RB50#25	4.94	13	PASS
				RB50#50	5.07	13	PASS
				RB100#0	5.55	13	PASS
			HCH	RB1#0	4.11	13	PASS
				RB1#50	3.96	13	PASS
				RB1#99	4.04	13	PASS
				RB50#0	5.02	13	PASS
				RB50#25	4.94	13	PASS
				RB50#50	4.97	13	PASS
				RB100#0	5.63	13	PASS
	LTE/TM2	5	LCH	RB1#0	5.1	13	PASS
				RB1#13	5.08	13	PASS
				RB1#24	5.12	13	PASS
				RB12#0	5.91	13	PASS
				RB12#6	5.86	13	PASS
				RB12#13	5.87	13	PASS
				RB25#0	6.38	13	PASS
			MCH	RB1#0	5.06	13	PASS
				RB1#13	5.08	13	PASS
				RB1#24	5.15	13	PASS
				RB12#0	5.89	13	PASS
				RB12#6	5.81	13	PASS
				RB12#13	5.87	13	PASS
				RB25#0	6.36	13	PASS
			HCH	RB1#0	5.01	13	PASS
				RB1#13	4.93	13	PASS
				RB1#24	4.94	13	PASS
				RB12#0	5.75	13	PASS
				RB12#6	5.66	13	PASS
				RB12#13	5.69	13	PASS
				RB25#0	6.23	13	PASS
		10	LCH	RB1#0	4.67	13	PASS
				RB1#25	4.74	13	PASS
				RB1#49	4.69	13	PASS

Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
				RB25#0	6.02	13	PASS
				RB25#13	5.87	13	PASS
				RB25#25	6	13	PASS
				RB50#0	6.47	13	PASS
			MCH	RB1#0	4.57	13	PASS
				RB1#25	4.53	13	PASS
				RB1#49	4.55	13	PASS
				RB25#0	5.98	13	PASS
				RB25#13	5.95	13	PASS
				RB25#25	6.01	13	PASS
				RB50#0	6.48	13	PASS
			HCH	RB1#0	4.62	13	PASS
				RB1#25	4.46	13	PASS
				RB1#49	4.4	13	PASS
				RB25#0	5.93	13	PASS
				RB25#13	5.82	13	PASS
				RB25#25	5.84	13	PASS
				RB50#0	6.52	13	PASS
		15	LCH	RB1#0	4.77	13	PASS
				RB1#38	4.85	13	PASS
				RB1#74	4.77	13	PASS
				RB36#0	6.04	13	PASS
				RB36#18	5.93	13	PASS
				RB36#39	6	13	PASS
				RB75#0	6.53	13	PASS
			MCH	RB1#0	4.65	13	PASS
				RB1#38	4.8	13	PASS
				RB1#74	4.77	13	PASS
				RB36#0	5.98	13	PASS
				RB36#18	5.91	13	PASS
				RB36#39	6.04	13	PASS
				RB75#0	6.74	13	PASS
			HCH	RB1#0	4.69	13	PASS
				RB1#38	4.8	13	PASS
				RB1#74	4.54	13	PASS
				RB36#0	6	13	PASS
				RB36#18	5.86	13	PASS
				RB36#39	5.89	13	PASS
				RB75#0	6.58	13	PASS

Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
		20	LCH	RB1#0	4.94	13	PASS
				RB1#50	4.81	13	PASS
				RB1#99	4.88	13	PASS
				RB50#0	5.99	13	PASS
				RB50#25	5.95	13	PASS
				RB50#50	6.03	13	PASS
				RB100#0	6.68	13	PASS
			MCH	RB1#0	4.77	13	PASS
				RB1#50	4.8	13	PASS
				RB1#99	4.94	13	PASS
				RB50#0	6.03	13	PASS
				RB50#25	5.98	13	PASS
				RB50#50	6.13	13	PASS
				RB100#0	6.54	13	PASS
			HCH	RB1#0	4.93	13	PASS
				RB1#50	4.94	13	PASS
				RB1#99	4.71	13	PASS
				RB50#0	6.07	13	PASS
				RB50#25	6	13	PASS
				RB50#50	6.03	13	PASS
				RB100#0	6.5	13	PASS

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	5.22	13	PASS
				RB1#3	4.87	13	PASS
				RB1#5	5	13	PASS
				RB3#0	5.58	13	PASS
				RB3#2	5.5	13	PASS
				RB3#3	5.4	13	PASS
				RB6#0	6.16	13	PASS
			MCH	RB1#0	5.16	13	PASS
				RB1#3	5.11	13	PASS
				RB1#5	5.22	13	PASS
				RB3#0	5.79	13	PASS
				RB3#2	5.51	13	PASS
				RB3#3	5.8	13	PASS

Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
				RB6#0	6.28	13	PASS
			HCH	RB1#0	4.96	13	PASS
				RB1#3	4.87	13	PASS
				RB1#5	4.98	13	PASS
				RB3#0	5.22	13	PASS
				RB3#2	5.21	13	PASS
				RB3#3	5.25	13	PASS
				RB6#0	6.13	13	PASS
		3	LCH	RB1#0	4.99	13	PASS
				RB1#7	4.54	13	PASS
				RB1#14	4.61	13	PASS
				RB8#0	6.14	13	PASS
				RB8#4	5.82	13	PASS
				RB8#7	5.83	13	PASS
				RB15#0	5.88	13	PASS
			MCH	RB1#0	5.24	13	PASS
				RB1#7	5.14	13	PASS
				RB1#14	5.14	13	PASS
				RB8#0	5.98	13	PASS
				RB8#4	6.13	13	PASS
				RB8#7	6.15	13	PASS
				RB15#0	6	13	PASS
			HCH	RB1#0	4.98	13	PASS
				RB1#7	4.82	13	PASS
				RB1#14	4.91	13	PASS
				RB8#0	5.88	13	PASS
				RB8#4	5.78	13	PASS
				RB8#7	5.82	13	PASS
				RB15#0	5.77	13	PASS
		5	LCH	RB1#0	4.72	13	PASS
				RB1#13	4.1	13	PASS
				RB1#24	4.35	13	PASS
				RB12#0	5.92	13	PASS
				RB12#6	5.4	13	PASS
				RB12#13	5.62	13	PASS
				RB25#0	5.62	13	PASS
			MCH	RB1#0	4.76	13	PASS
				RB1#13	4.57	13	PASS
				RB1#24	4.91	13	PASS

Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
				RB12#0	6.24	13	PASS
				RB12#6	6.15	13	PASS
				RB12#13	6.28	13	PASS
				RB25#0	6.15	13	PASS
			HCH	RB1#0	4.48	13	PASS
				RB1#13	4.12	13	PASS
				RB1#24	4.75	13	PASS
				RB12#0	5.7	13	PASS
				RB12#6	5.43	13	PASS
				RB12#13	5.75	13	PASS
				RB25#0	5.98	13	PASS
		10	LCH	RB1#0	4.43	13	PASS
				RB1#25	3.92	13	PASS
				RB1#49	4.39	13	PASS
				RB25#0	5.67	13	PASS
				RB25#13	5.43	13	PASS
				RB25#25	5.8	13	PASS
				RB50#0	6.02	13	PASS
			MCH	RB1#0	4.41	13	PASS
				RB1#25	4.57	13	PASS
				RB1#49	4.49	13	PASS
				RB25#0	5.94	13	PASS
				RB25#13	5.83	13	PASS
				RB25#25	6.1	13	PASS
				RB50#0	6.13	13	PASS
			HCH	RB1#0	4.64	13	PASS
				RB1#25	4.03	13	PASS
				RB1#49	4.39	13	PASS
				RB25#0	5.96	13	PASS
				RB25#13	5.51	13	PASS
				RB25#25	5.69	13	PASS
				RB50#0	6.02	13	PASS
	LTE/TM2	1.4	LCH	RB1#0	5.63	13	PASS
				RB1#3	5.47	13	PASS
				RB1#5	5.51	13	PASS
				RB3#0	6.14	13	PASS
				RB3#2	5.96	13	PASS
				RB3#3	5.97	13	PASS
				RB6#0	6.8	13	PASS

Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
			MCH	RB1#0	5.63	13	PASS
				RB1#3	5.6	13	PASS
				RB1#5	5.64	13	PASS
				RB3#0	6.1	13	PASS
				RB3#2	6.46	13	PASS
				RB3#3	6.51	13	PASS
				RB6#0	6.97	13	PASS
			HCH	RB1#0	5.53	13	PASS
				RB1#3	6.25	13	PASS
				RB1#5	6.35	13	PASS
				RB3#0	6.12	13	PASS
				RB3#2	6.1	13	PASS
				RB3#3	6.25	13	PASS
				RB6#0	6.62	13	PASS
		3	LCH	RB1#0	6.45	13	PASS
				RB1#7	5.98	13	PASS
				RB1#14	6.14	13	PASS
				RB8#0	6.54	13	PASS
				RB8#4	6.36	13	PASS
				RB8#7	6.36	13	PASS
				RB15#0	6.64	13	PASS
			MCH	RB1#0	6.51	13	PASS
				RB1#7	6.28	13	PASS
				RB1#14	6.48	13	PASS
				RB8#0	6.66	13	PASS
				RB8#4	6.67	13	PASS
				RB8#7	6.71	13	PASS
				RB15#0	7.34	13	PASS
			HCH	RB1#0	6.13	13	PASS
				RB1#7	5.96	13	PASS
				RB1#14	5.97	13	PASS
				RB8#0	6.54	13	PASS
				RB8#4	6.41	13	PASS
				RB8#7	6.29	13	PASS
				RB15#0	6.76	13	PASS
		5	LCH	RB1#0	5.53	13	PASS
				RB1#13	4.73	13	PASS
				RB1#24	5.12	13	PASS
				RB12#0	6.31	13	PASS

Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
				RB12#6	5.97	13	PASS
				RB12#13	6.08	13	PASS
				RB25#0	6.52	13	PASS
			MCH	RB1#0	5.58	13	PASS
				RB1#13	5.47	13	PASS
				RB1#24	5.8	13	PASS
				RB12#0	6.44	13	PASS
				RB12#6	6.51	13	PASS
				RB12#13	6.54	13	PASS
				RB25#0	6.75	13	PASS
			HCH	RB1#0	5.24	13	PASS
				RB1#13	4.96	13	PASS
				RB1#24	5.48	13	PASS
				RB12#0	6.1	13	PASS
				RB12#6	5.9	13	PASS
				RB12#13	6.17	13	PASS
				RB25#0	6.57	13	PASS
		10	LCH	RB1#0	5.72	13	PASS
				RB1#25	5.11	13	PASS
				RB1#49	5.71	13	PASS
				RB25#0	6.32	13	PASS
				RB25#13	6.09	13	PASS
				RB25#25	6.45	13	PASS
				RB50#0	6.66	13	PASS
			MCH	RB1#0	5.63	13	PASS
				RB1#25	5.83	13	PASS
				RB1#49	5.74	13	PASS
				RB25#0	6.67	13	PASS
				RB25#13	6.64	13	PASS
				RB25#25	6.92	13	PASS
				RB50#0	6.74	13	PASS
			HCH	RB1#0	5.87	13	PASS
				RB1#25	5.12	13	PASS
				RB1#49	5.52	13	PASS
				RB25#0	6.61	13	PASS
				RB25#13	6.13	13	PASS
				RB25#25	6.34	13	PASS
				RB50#0	6.58	13	PASS

3Appendix_C: Modulation Characteristics

Part I - Test Plots

3.1 For LTE

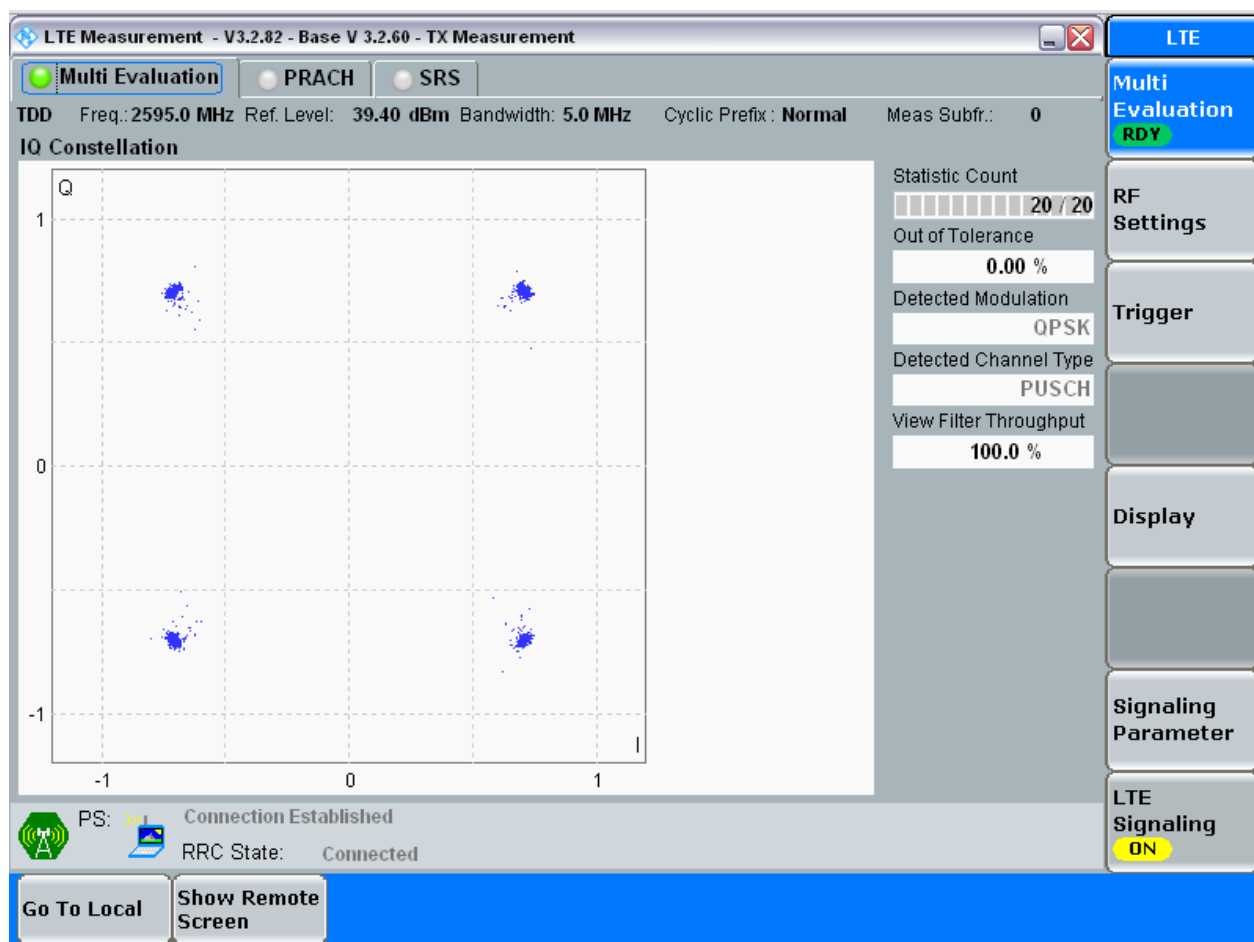
3.1.1 Test Band = BAND38

3.1.1.1 Test Mode = LTE/TM1

3.1.1.1.1 Test Bandwidth = 5

3.1.1.1.1.1 Test Channel = MCH

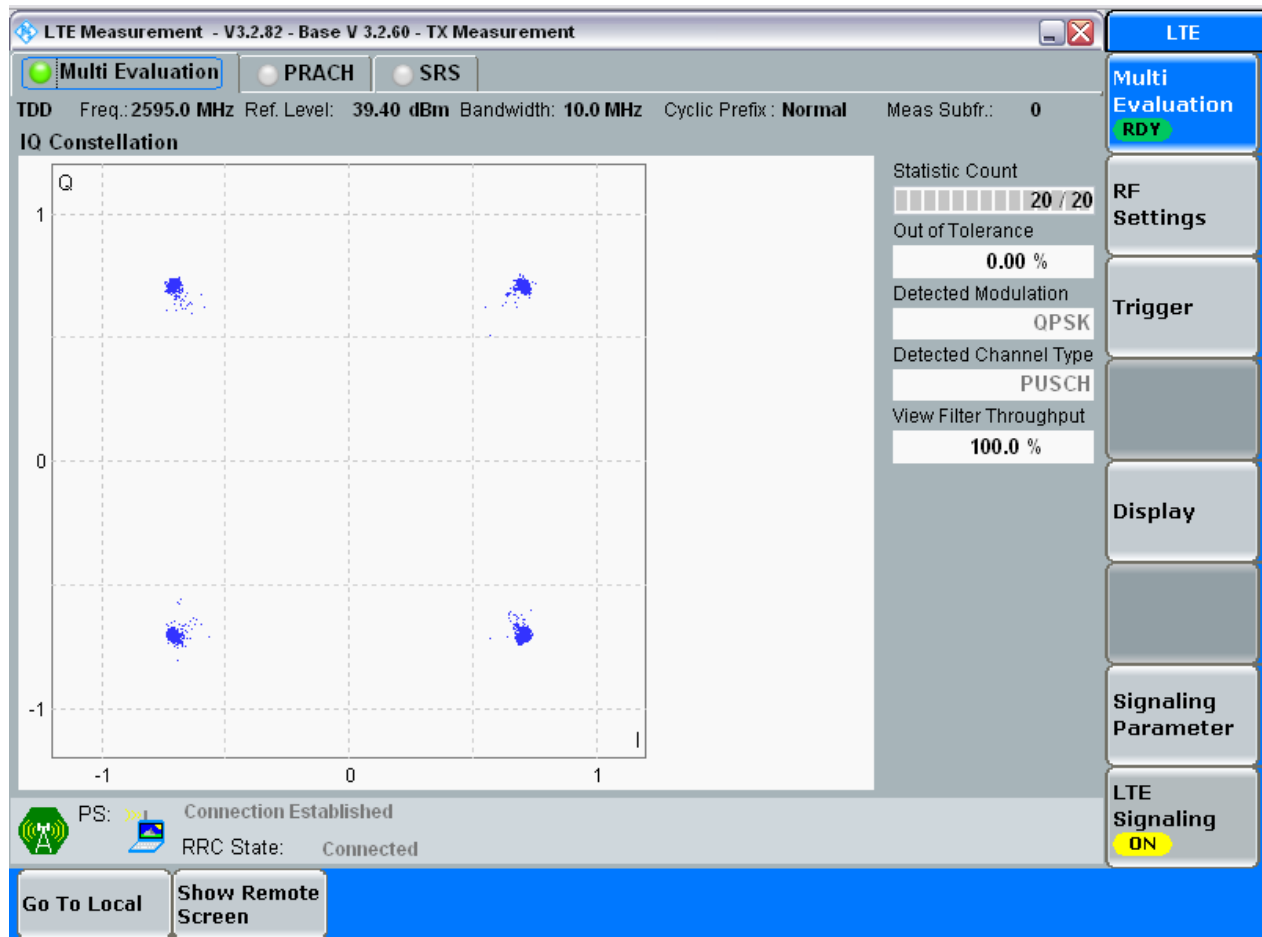
3.1.1.1.1.1.1 Test RB = RB25#0



3.1.1.1.2 Test Bandwidth = 10

3.1.1.1.2.1 Test Channel = MCH

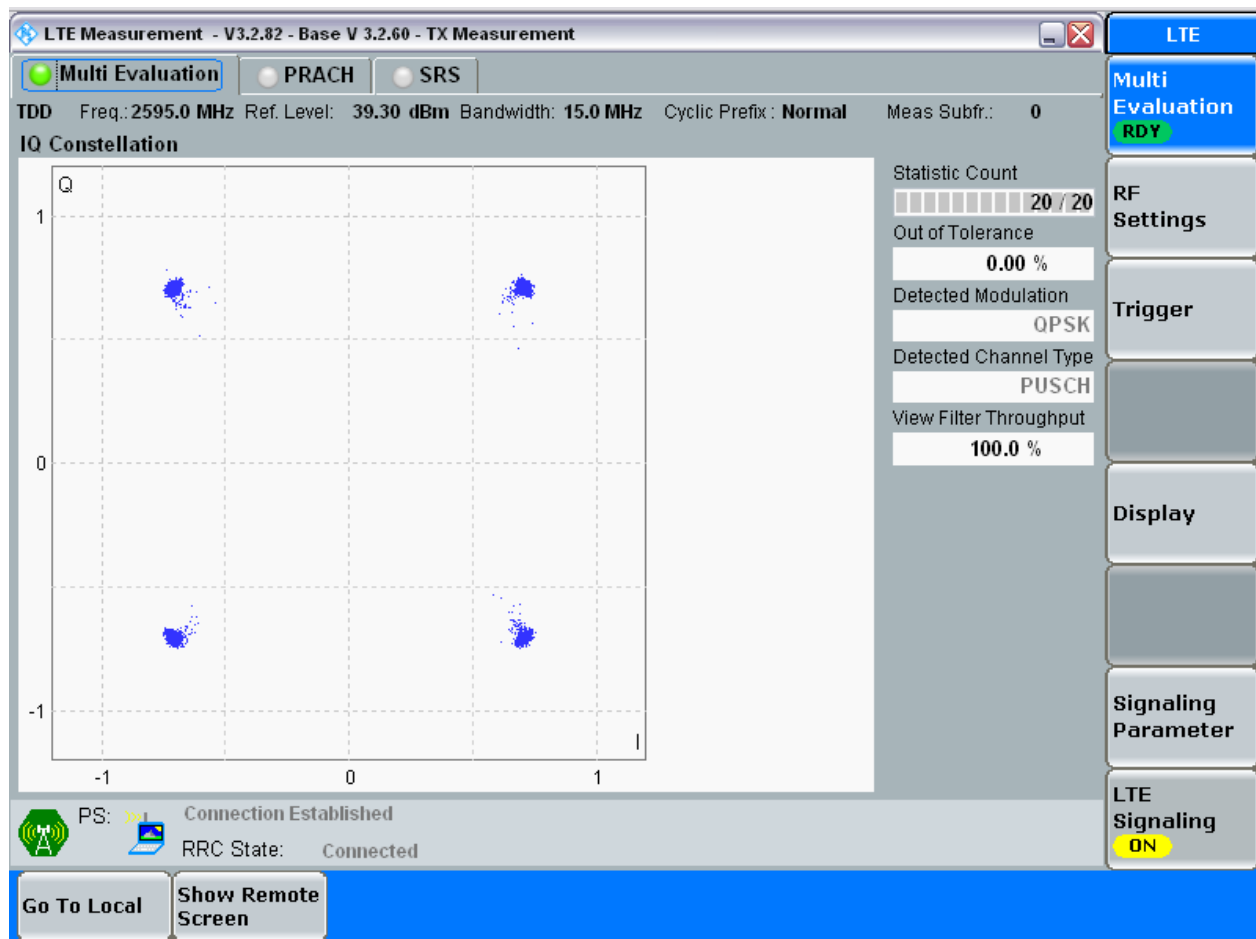
3.1.1.1.2.1.1 Test RB = RB50#0



3.1.1.1.3 Test Bandwidth = 15

3.1.1.1.3.1 Test Channel = MCH

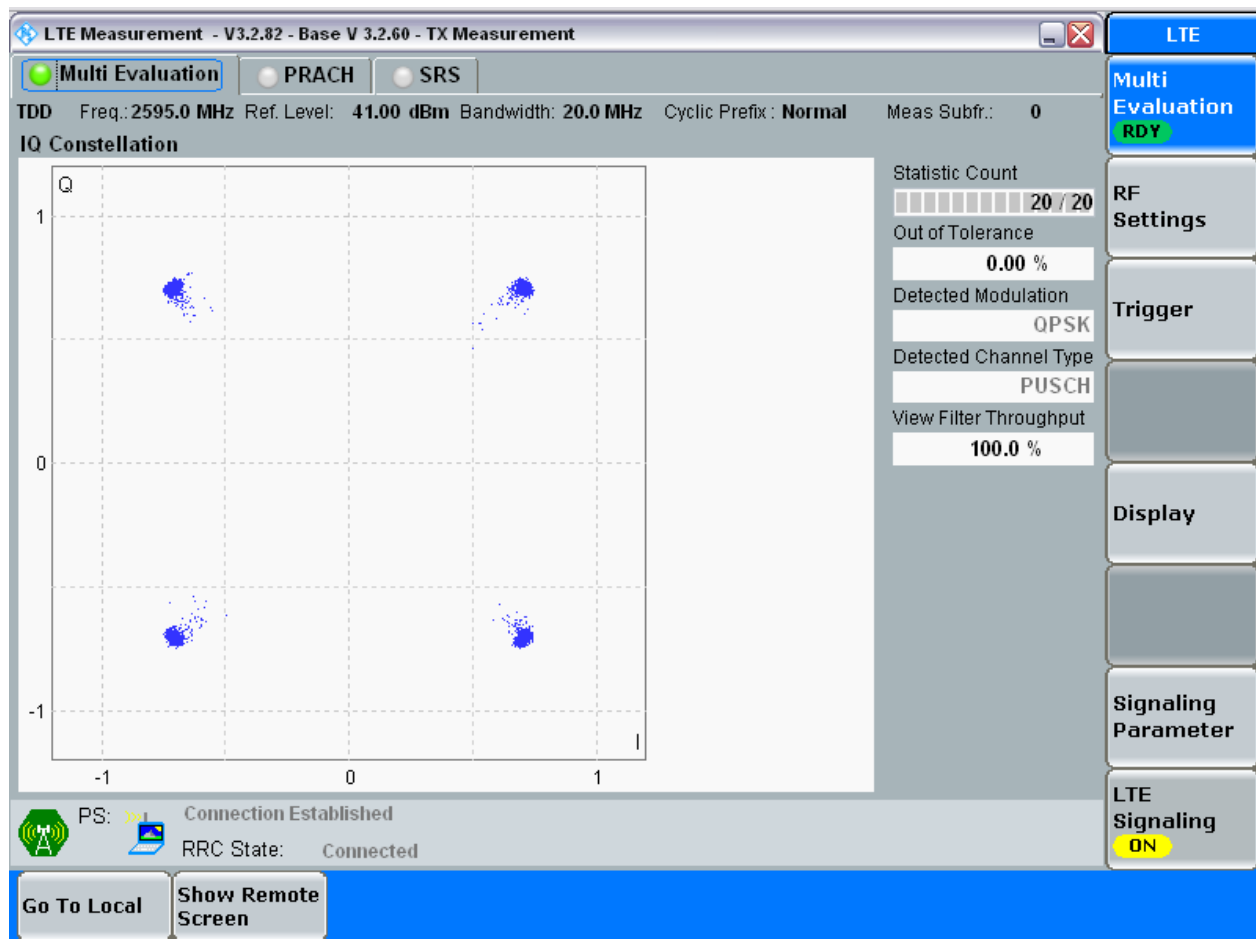
3.1.1.1.3.1.1 Test RB = RB75#0



3.1.1.1.4 Test Bandwidth = 20

3.1.1.1.4.1 Test Channel = MCH

3.1.1.1.4.1.1 Test RB = RB100#0

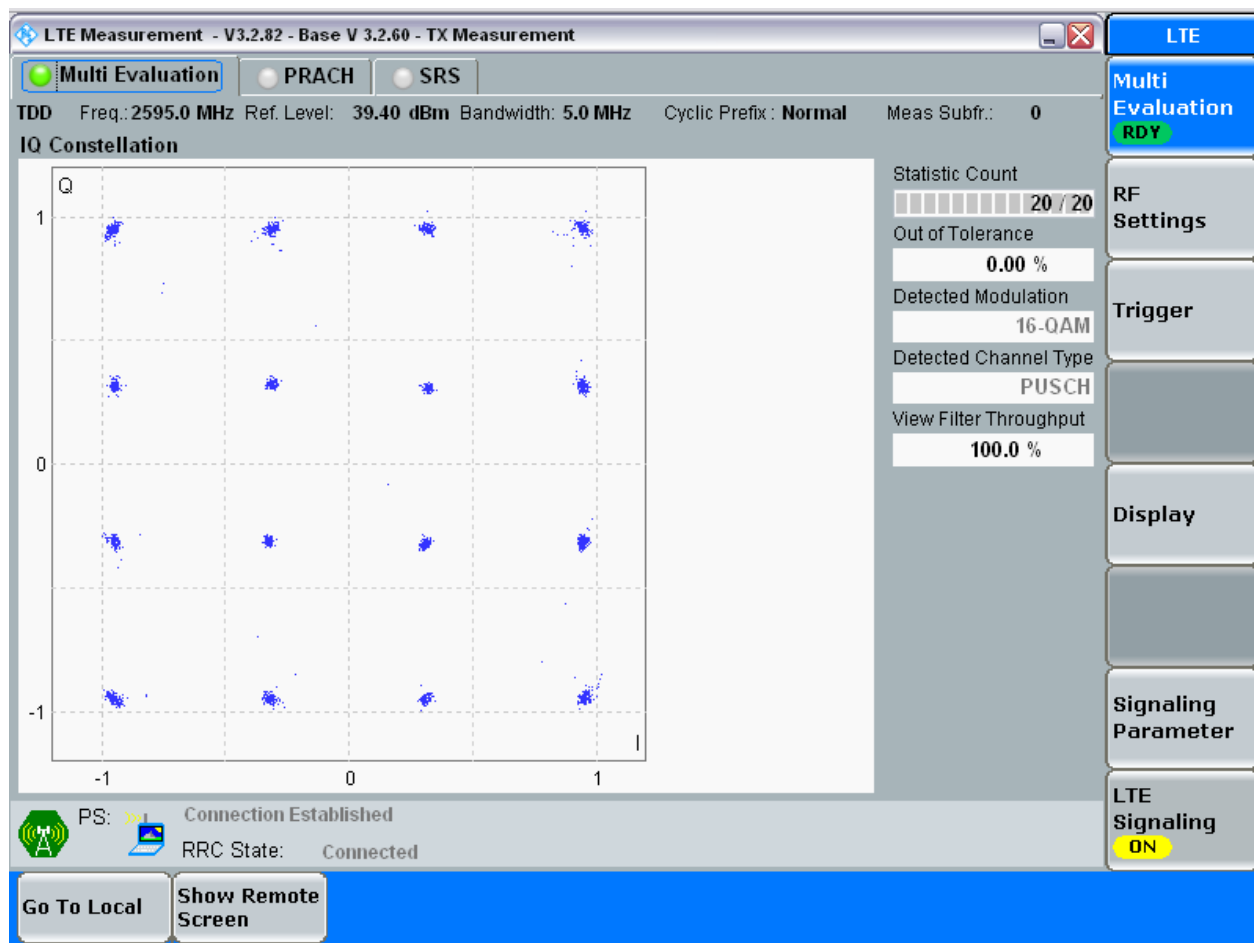


3.1.1.2 Test Mode = LTE/TM2

3.1.1.2.1 Test Bandwidth = 5

3.1.1.2.1.1 Test Channel = MCH

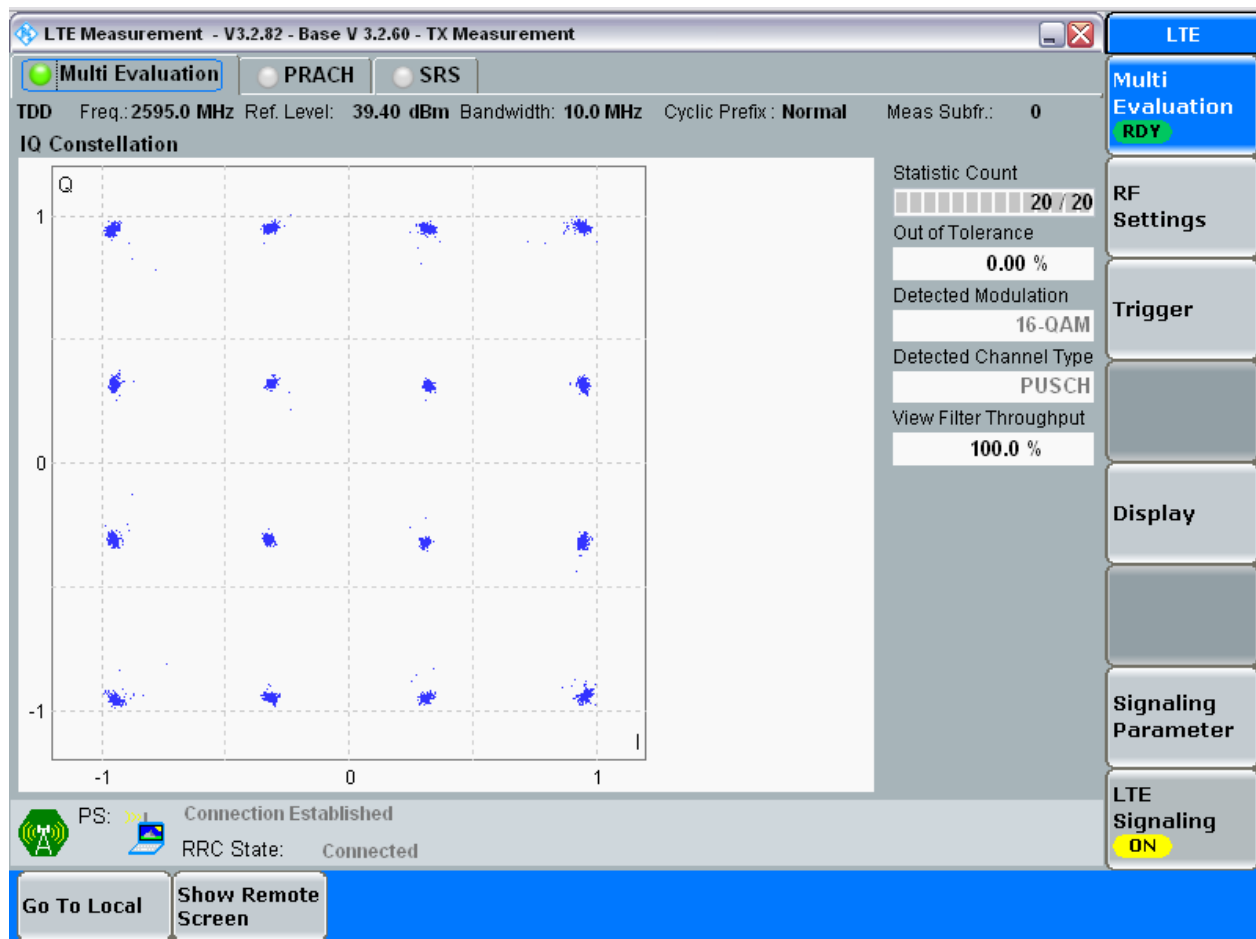
3.1.1.2.1.1.1 Test RB = RB25#0



3.1.1.2.2 Test Bandwidth = 10

3.1.1.2.2.1 Test Channel = MCH

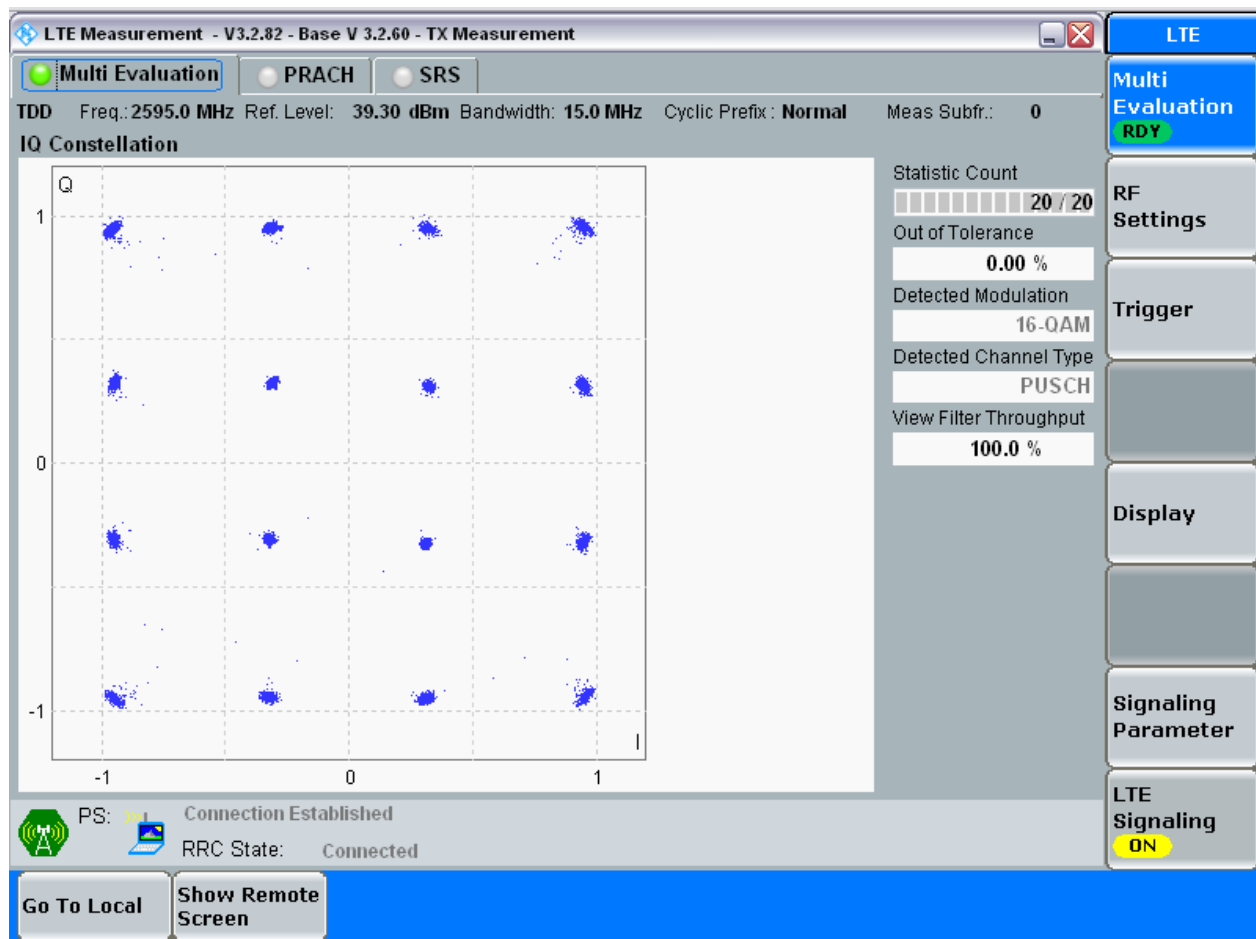
3.1.1.2.2.1.1 Test RB = RB50#0



3.1.1.2.3 Test Bandwidth = 15

3.1.1.2.3.1 Test Channel = MCH

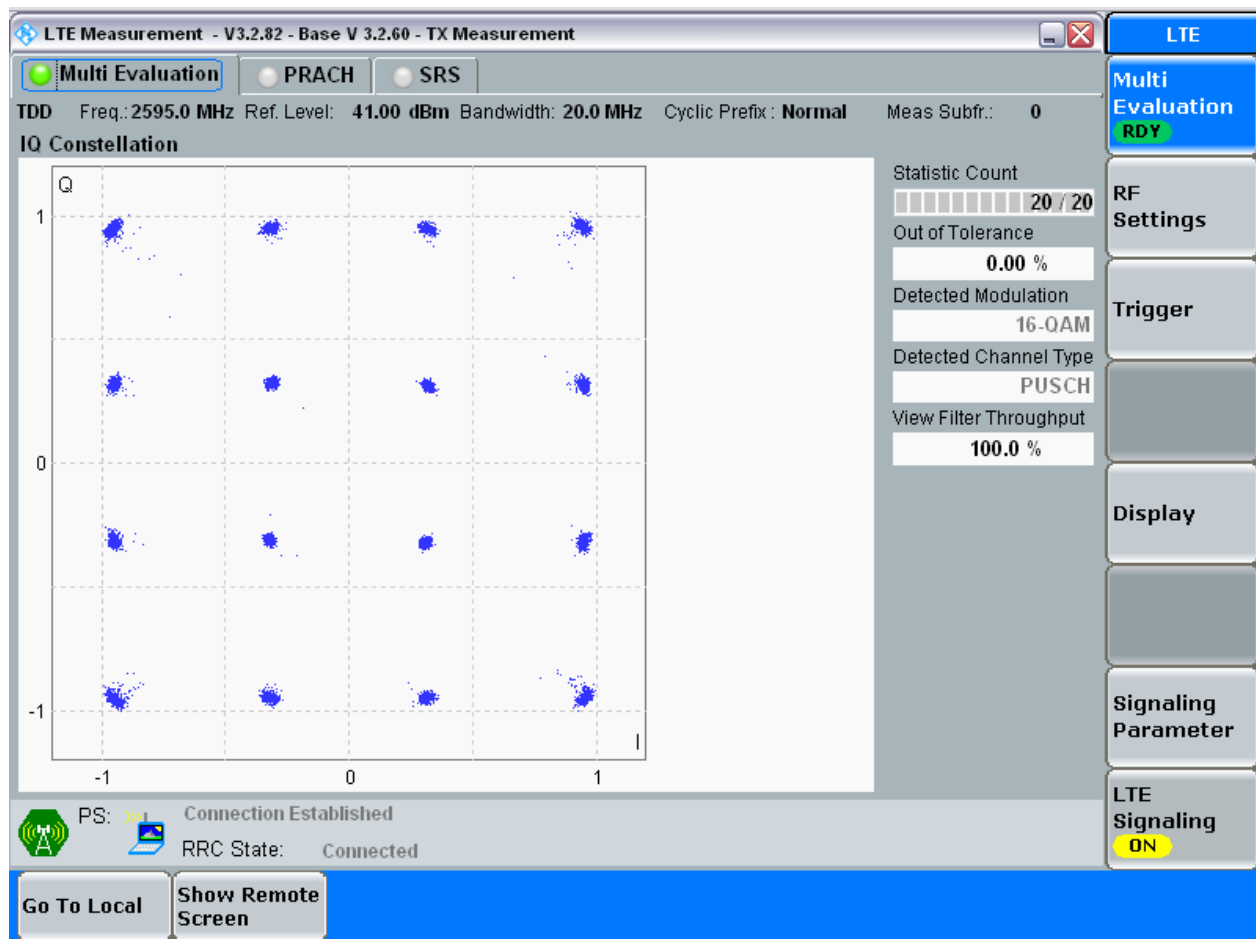
3.1.1.2.3.1.1 Test RB = RB75#0



3.1.1.2.4 Test Bandwidth = 20

3.1.1.2.4.1 Test Channel = MCH

3.1.1.2.4.1.1 Test RB = RB100#0



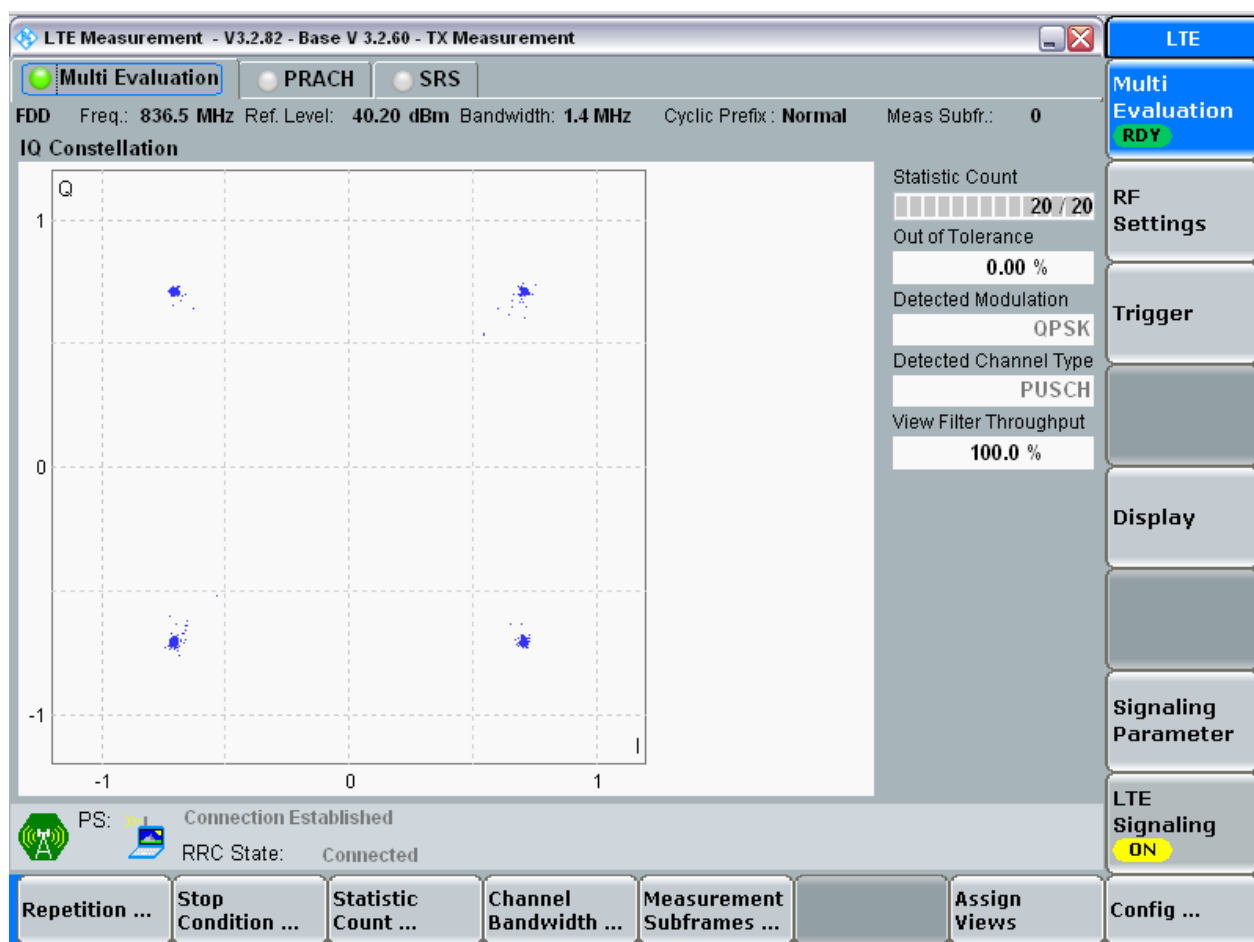
3.1.2 Test Band = BAND5

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

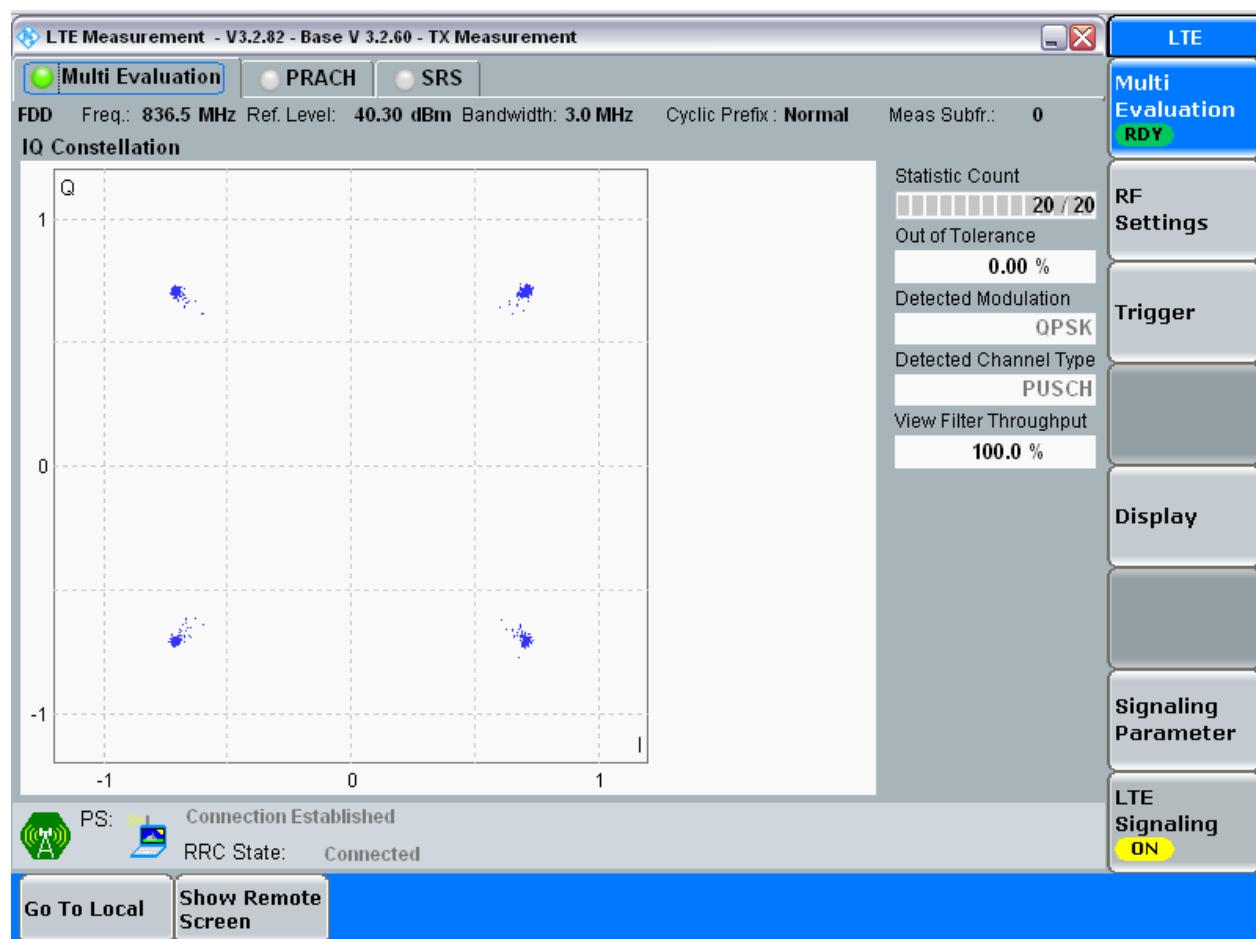
3.1.2.1.1.1.1 Test RB = RB6#0



3.1.2.1.1 Test Bandwidth = 3

3.1.2.1.1.1 Test Channel = MCH

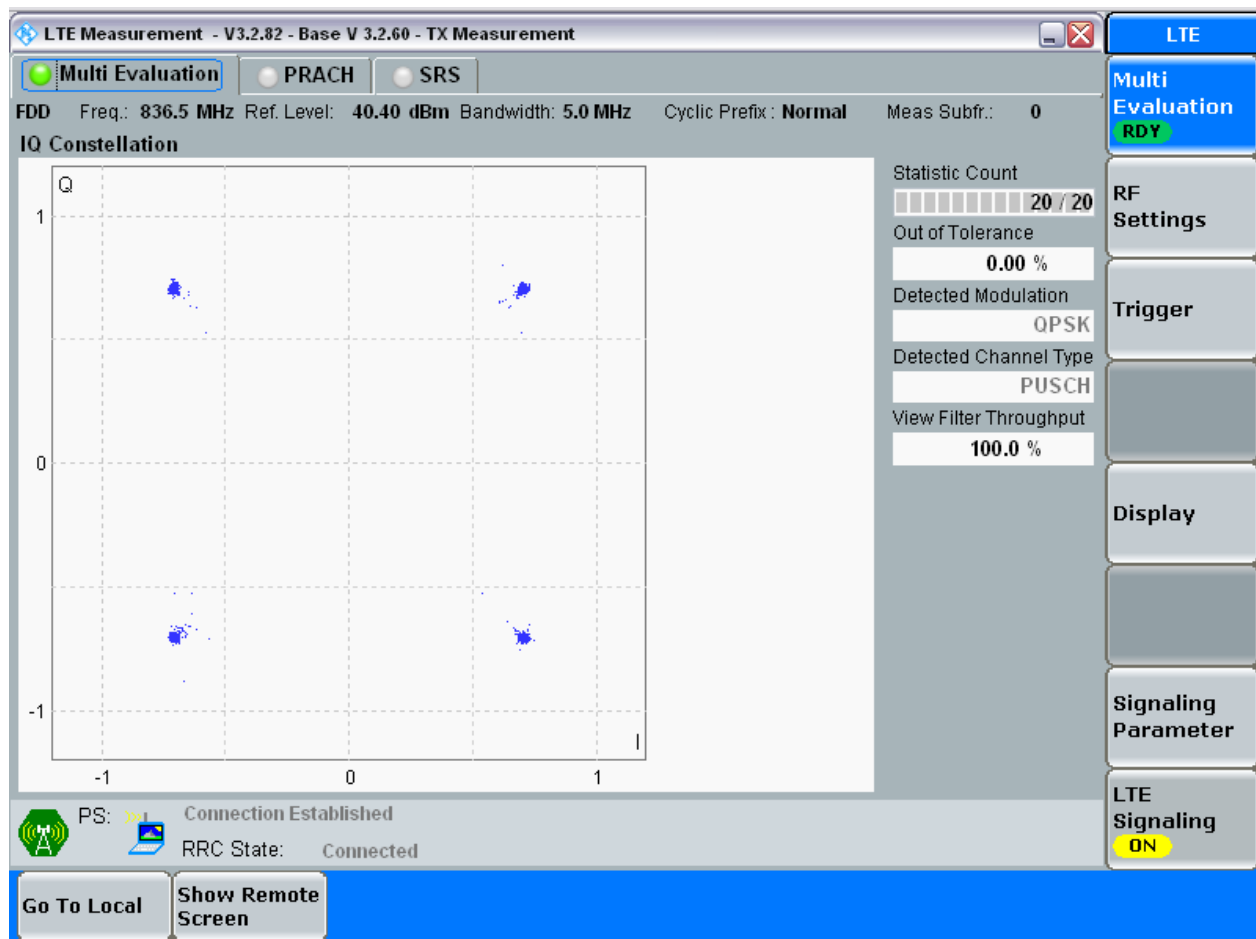
3.1.2.1.1.1.1 Test RB = RB15#0



3.1.2.1.1 Test Bandwidth = 5

3.1.2.1.1.1 Test Channel = MCH

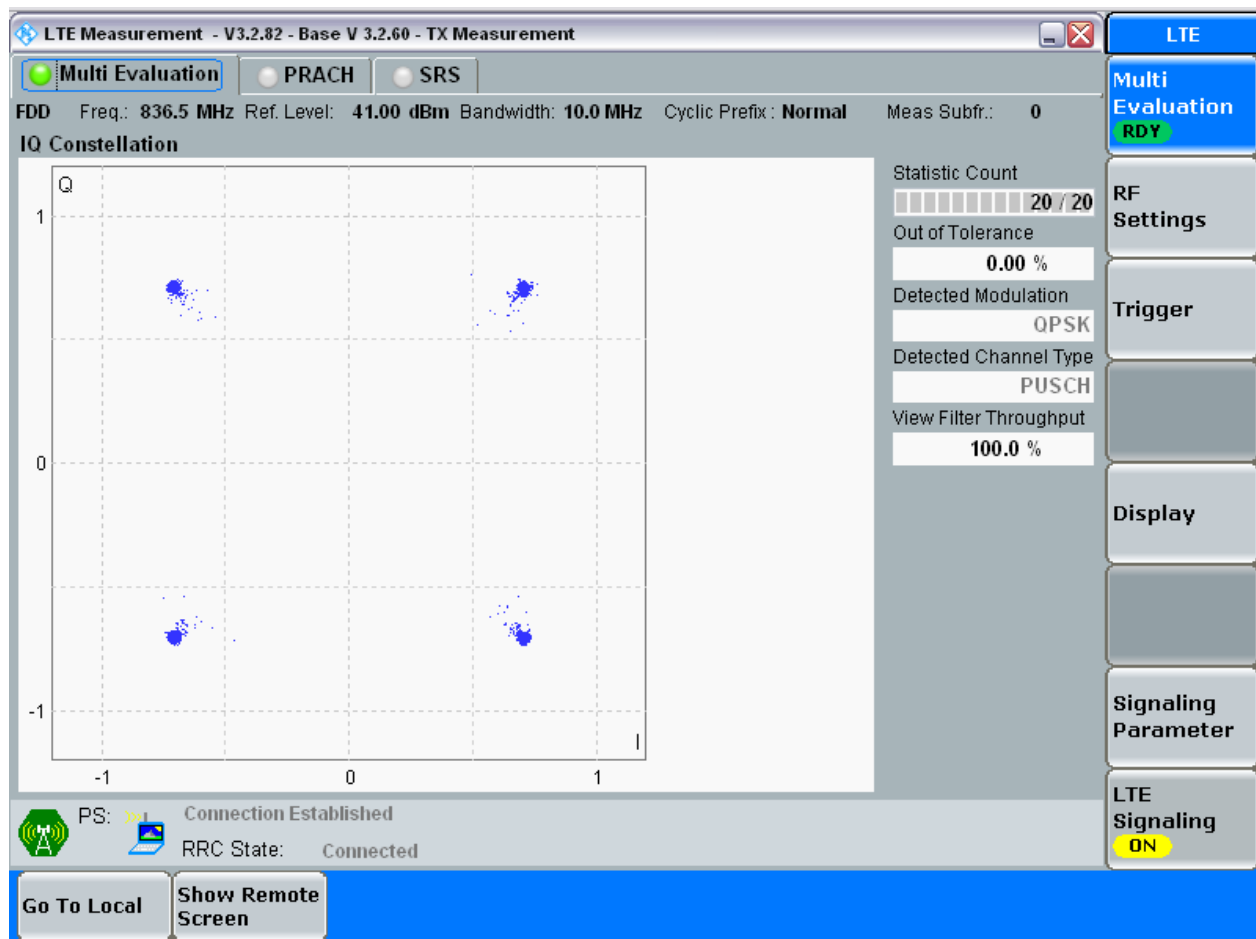
3.1.2.1.1.1.1 Test RB = RB25#0



3.1.2.1.1 Test Bandwidth = 10

3.1.2.1.1.1 Test Channel = MCH

3.1.2.1.1.1.1 Test RB = RB50#0

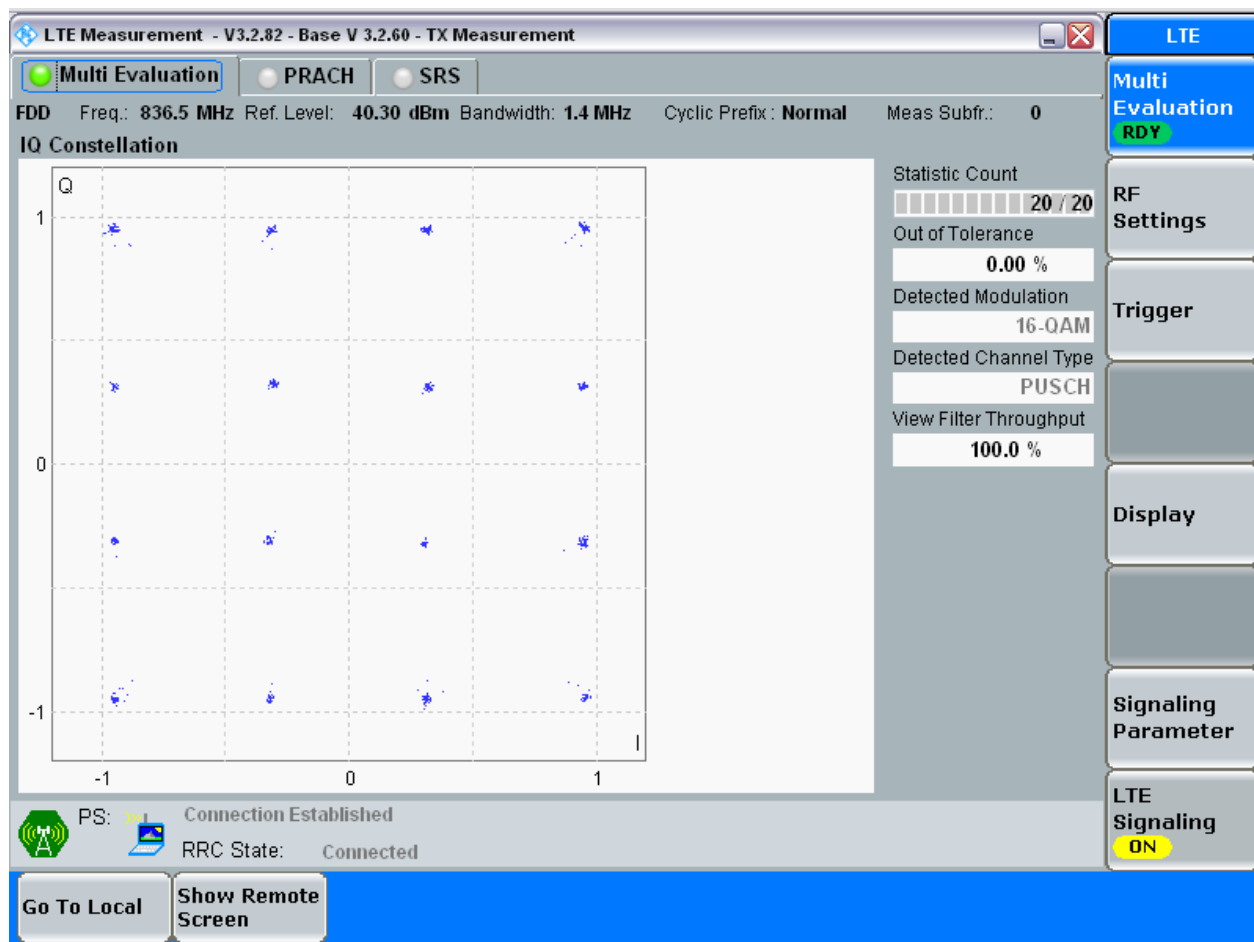


3.1.2.1 Test Mode = LTE/TM2

3.1.2.1.1 Test Bandwidth = 1.4

3.1.2.1.1.1 Test Channel = MCH

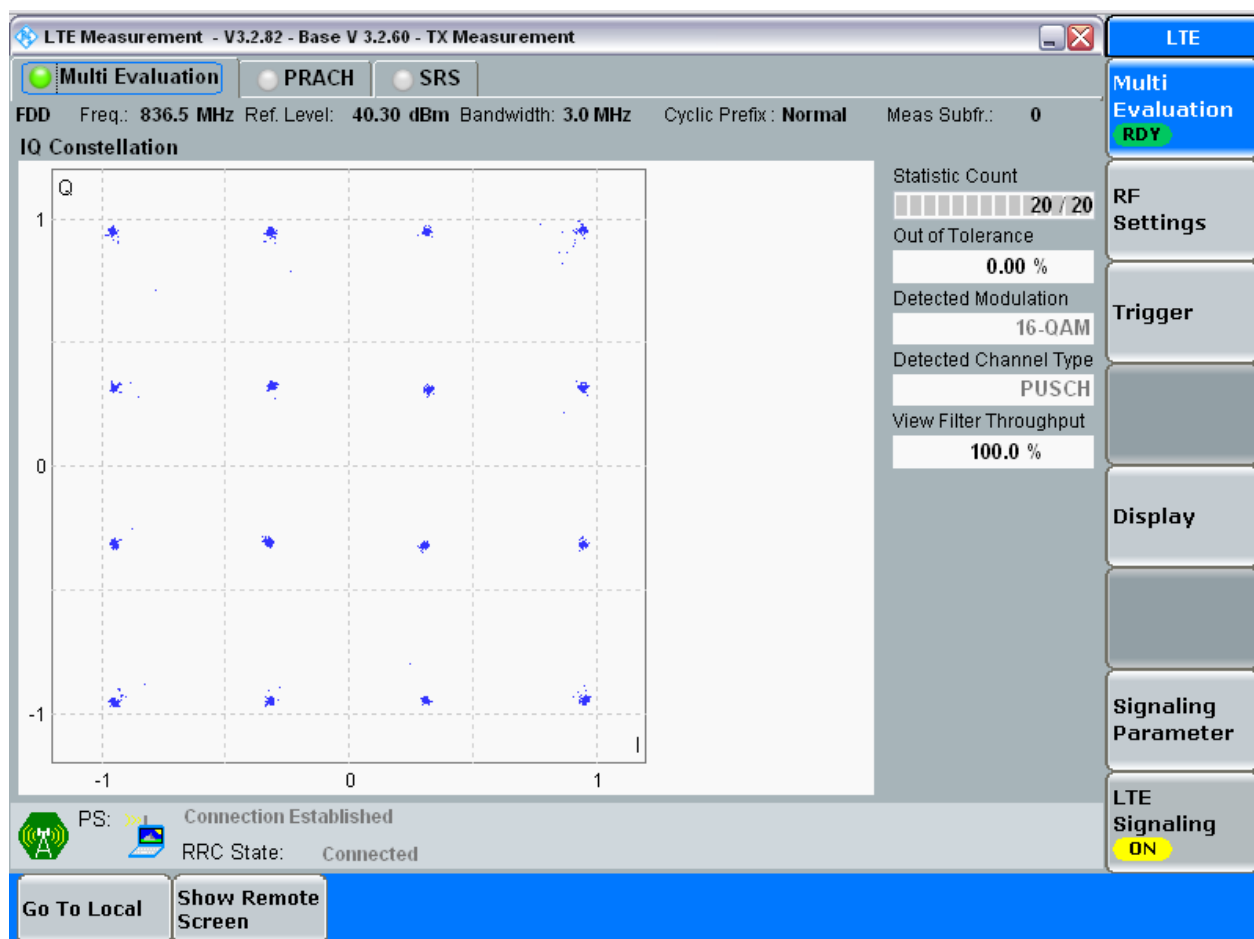
3.1.2.1.1.1.1 Test RB = RB6#0



3.1.2.1.1 Test Bandwidth = 3

3.1.2.1.1.1 Test Channel = MCH

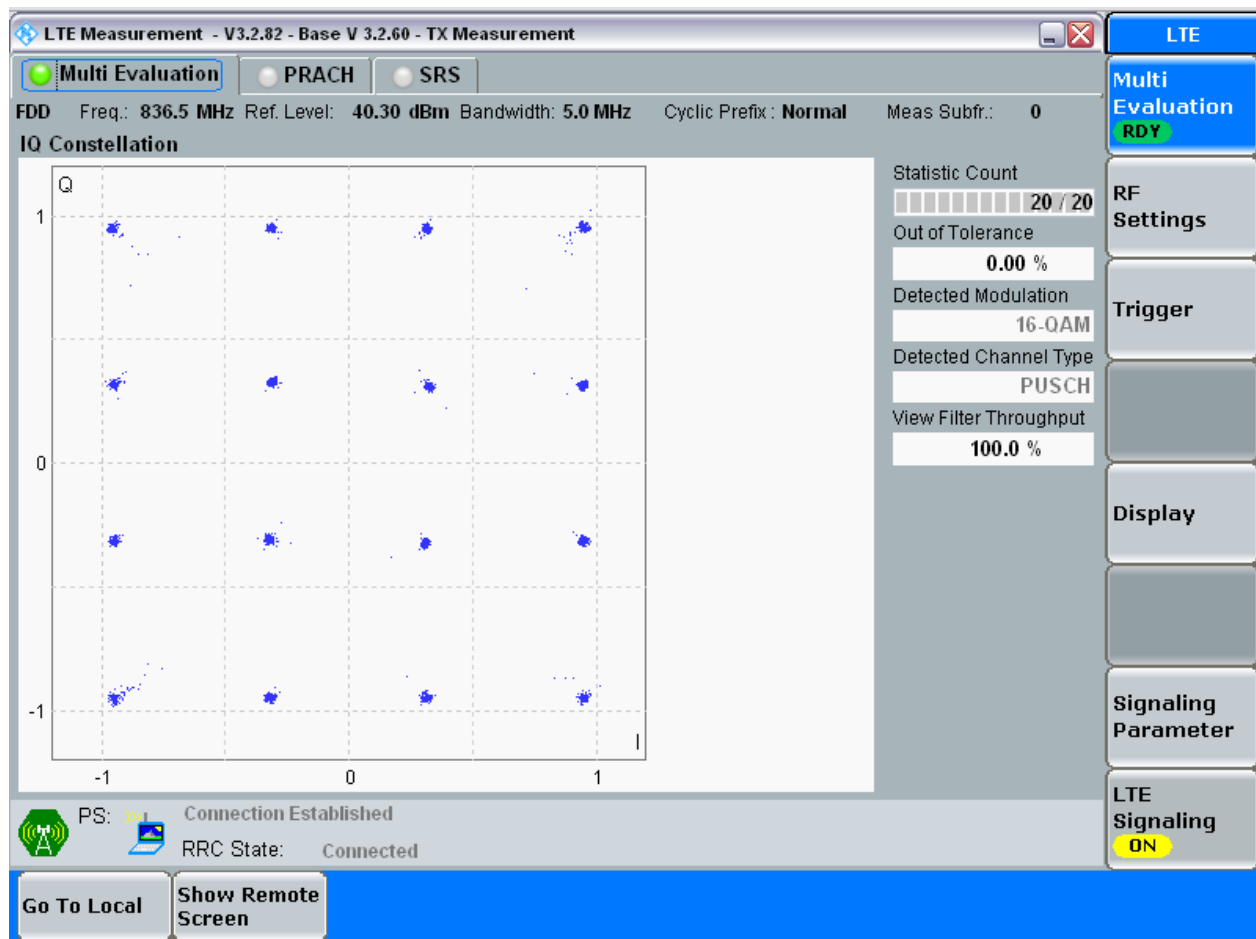
3.1.2.1.1.1.1 Test RB = RB15#0



3.1.2.1.1 Test Bandwidth = 5

3.1.2.1.1.1 Test Channel = MCH

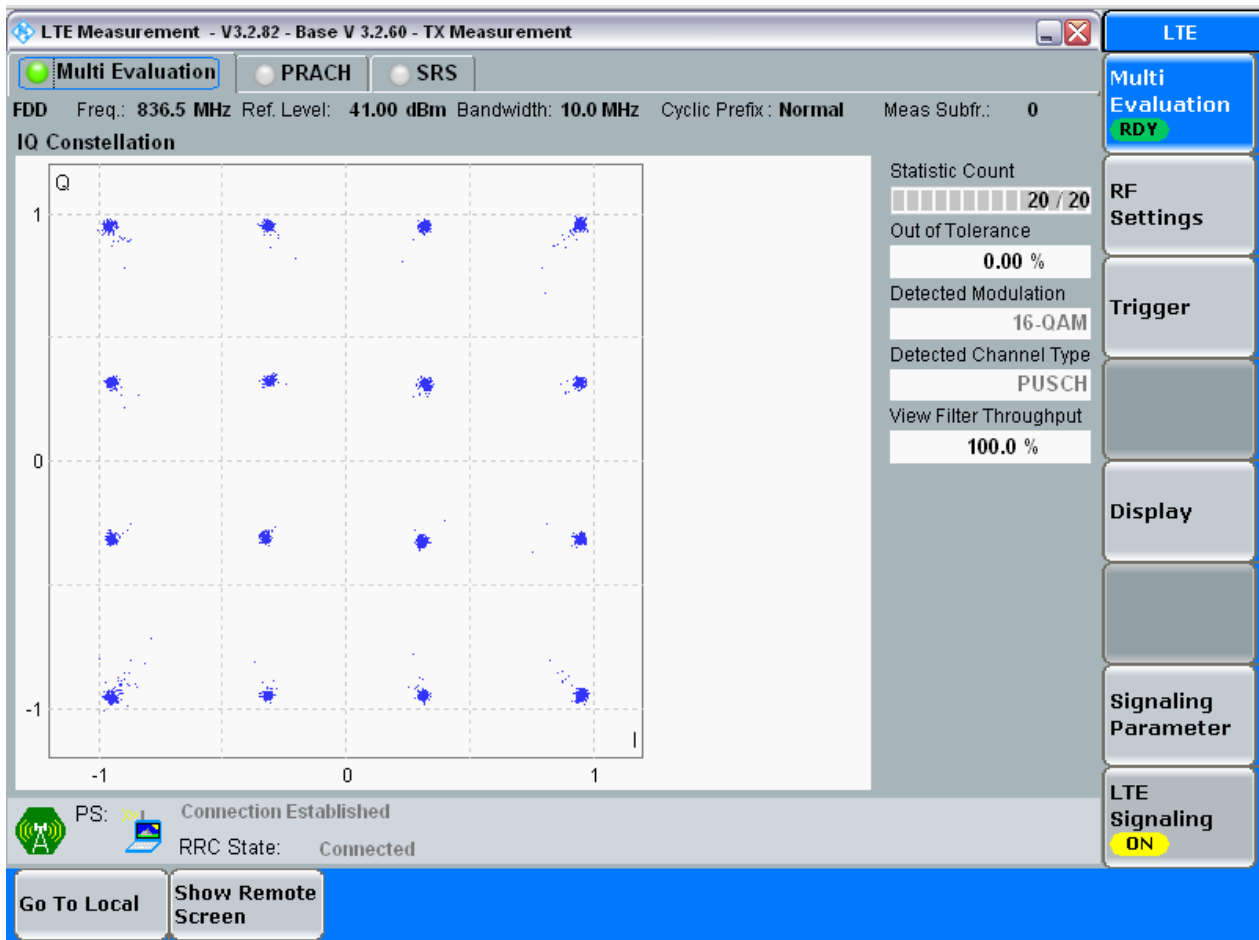
3.1.2.1.1.1.1 Test RB = RB25#0



3.1.2.1.1 Test Bandwidth = 10

3.1.2.1.1.1 Test Channel = MCH

3.1.2.1.1.1.1 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
BAND38	LTE/TM1	5	LCH	RB25#0	4.51	4.92	Pass
			MCH	RB25#0	4.50	4.91	Pass
			HCH	RB25#0	4.50	4.91	Pass
		10	LCH	RB50#0	8.98	9.59	Pass
			MCH	RB50#0	8.98	9.56	Pass
			HCH	RB50#0	8.99	9.61	Pass
		15	LCH	RB75#0	13.48	14.29	Pass
			MCH	RB75#0	13.48	14.29	Pass
			HCH	RB75#0	13.48	14.29	Pass
		20	LCH	RB100#0	17.94	18.94	Pass
			MCH	RB100#0	17.94	18.96	Pass
			HCH	RB100#0	17.93	18.95	Pass
	LTE/TM2	5	LCH	RB25#0	4.50	4.84	Pass
			MCH	RB25#0	4.49	4.84	Pass
			HCH	RB25#0	4.49	4.86	Pass
		10	LCH	RB50#0	8.99	9.55	Pass
			MCH	RB50#0	8.98	9.54	Pass
			HCH	RB50#0	8.98	9.56	Pass
		15	LCH	RB75#0	13.47	14.27	Pass
			MCH	RB75#0	13.48	14.30	Pass
			HCH	RB75#0	13.48	14.28	Pass
		20	LCH	RB100#0	17.94	18.97	Pass
			MCH	RB100#0	17.95	18.97	Pass
			HCH	RB100#0	17.94	18.98	Pass

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	1.26	Pass
			MCH	RB6#0	1.09	1.26	Pass
			HCH	RB6#0	1.09	1.27	Pass
		3	LCH	RB15#0	2.71	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	4.92	Pass
			MCH	RB25#0	4.50	4.92	Pass
			HCH	RB25#0	4.51	4.90	Pass
		10	LCH	RB50#0	9.00	9.66	Pass
			MCH	RB50#0	8.99	9.63	Pass
			HCH	RB50#0	9.01	9.66	Pass
	LTE/TM2	1.4	LCH	RB6#0	1.09	1.27	Pass
			MCH	RB6#0	1.09	1.27	Pass
			HCH	RB6#0	1.09	1.27	Pass
		3	LCH	RB15#0	2.70	2.95	Pass
			MCH	RB15#0	2.70	2.95	Pass
			HCH	RB15#0	2.70	2.94	Pass
		5	LCH	RB25#0	4.51	4.88	Pass
			MCH	RB25#0	4.51	4.89	Pass
			HCH	RB25#0	4.51	4.90	Pass
		10	LCH	RB50#0	9.00	9.65	Pass
			MCH	RB50#0	8.99	9.61	Pass
			HCH	RB50#0	9.01	9.69	Pass



Part II - Test Plots

4.1 For LTE

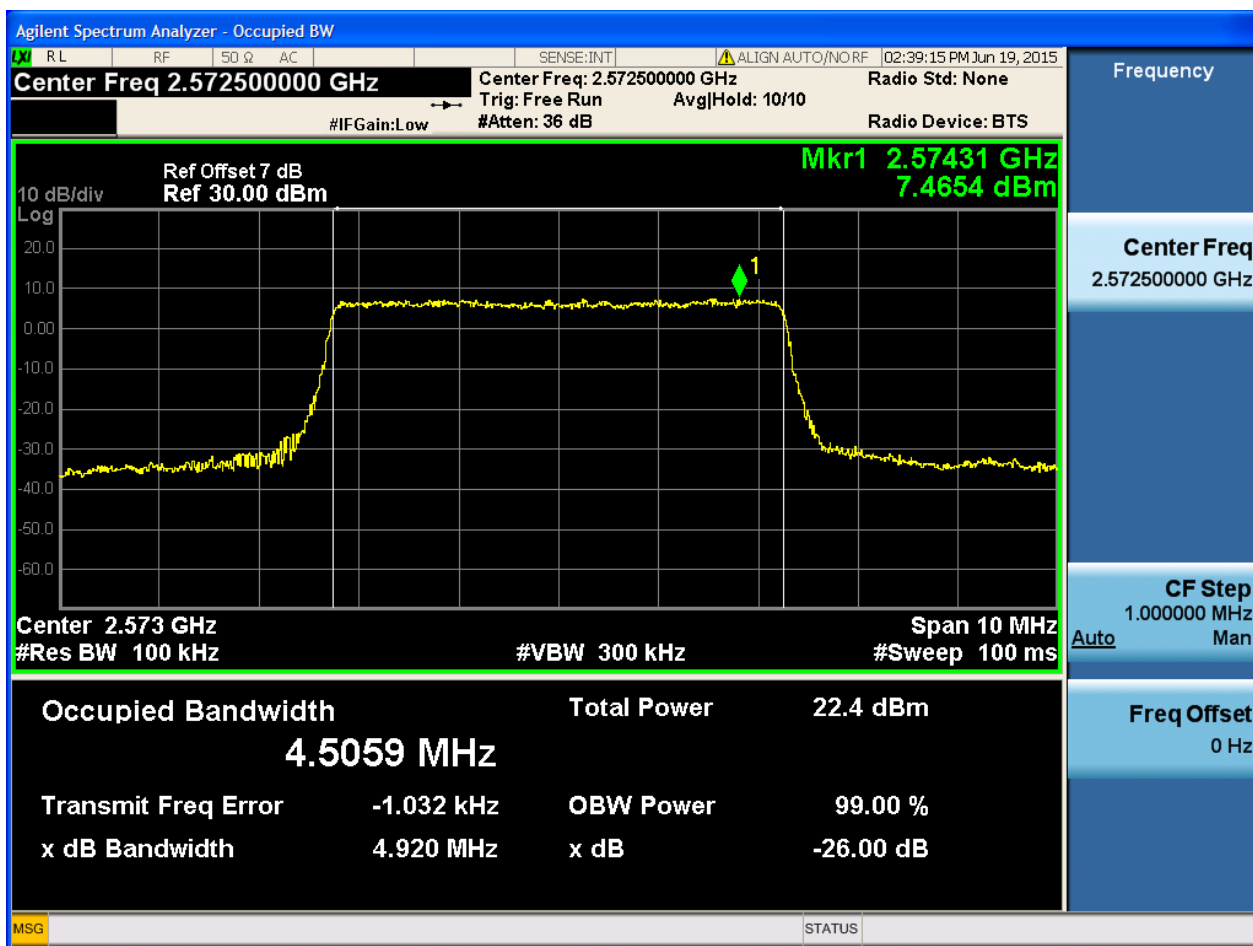
4.1.1 Test Band = BAND38

4.1.1.1 Test Mode = LTE/TM1

4.1.1.1.1 Test Bandwidth = 5

4.1.1.1.1.1 Test Channel = LCH

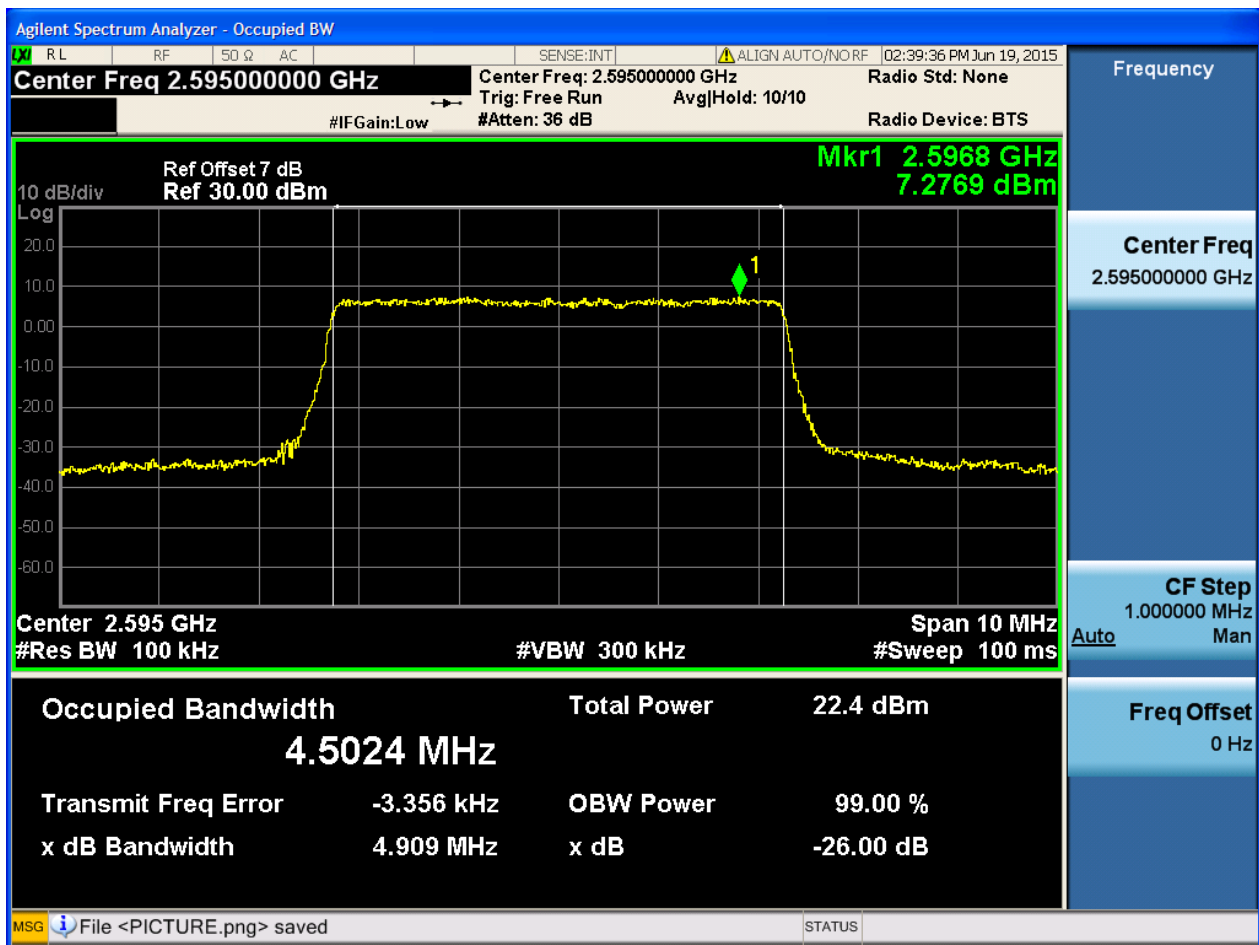
4.1.1.1.1.1.1 Test RB = RB25#0





4.1.1.1.1.2 Test Channel = MCH

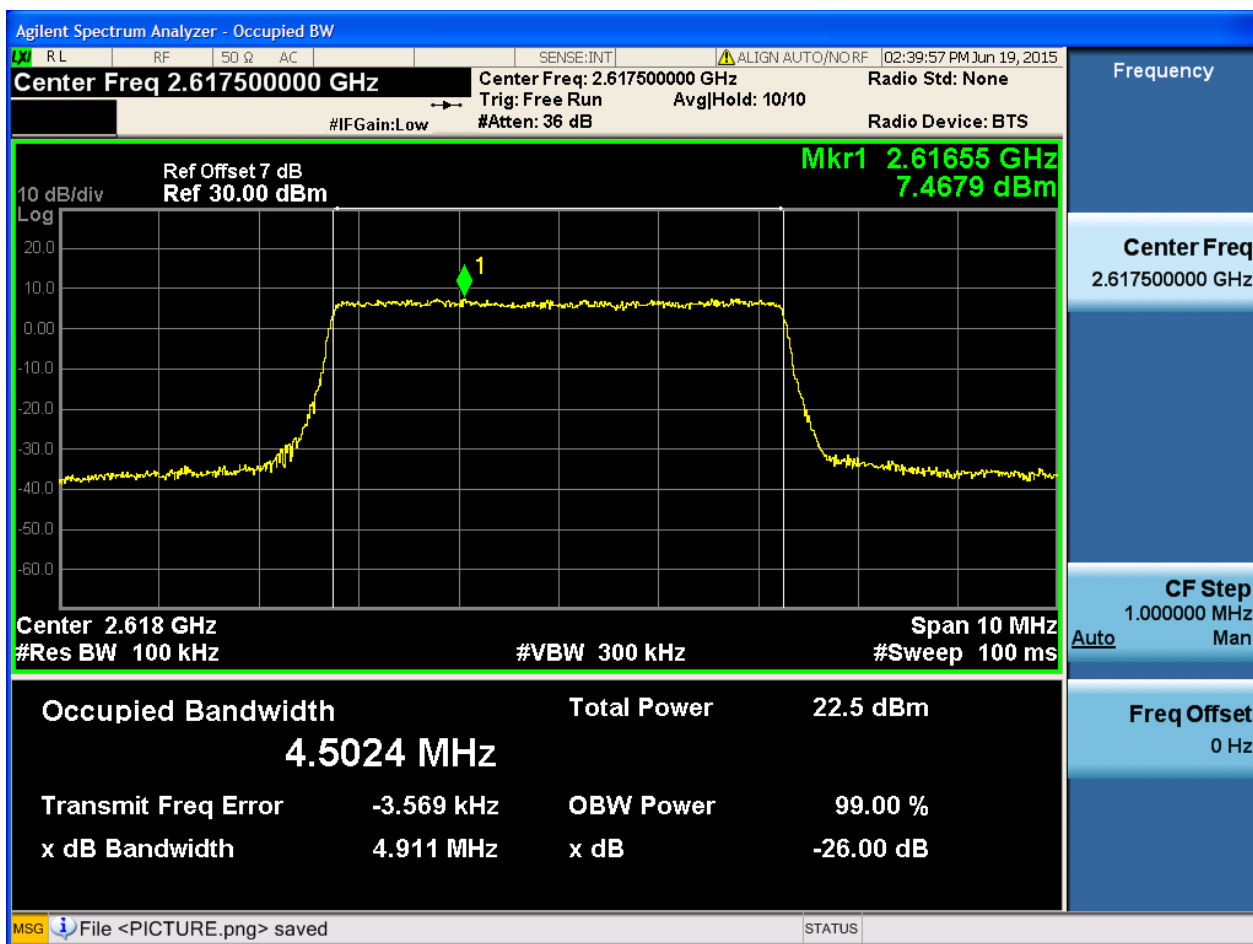
4.1.1.1.1.2.1 Test RB = RB25#0





4.1.1.1.1.3 Test Channel = HCH

4.1.1.1.1.3.1 Test RB = RB25#0

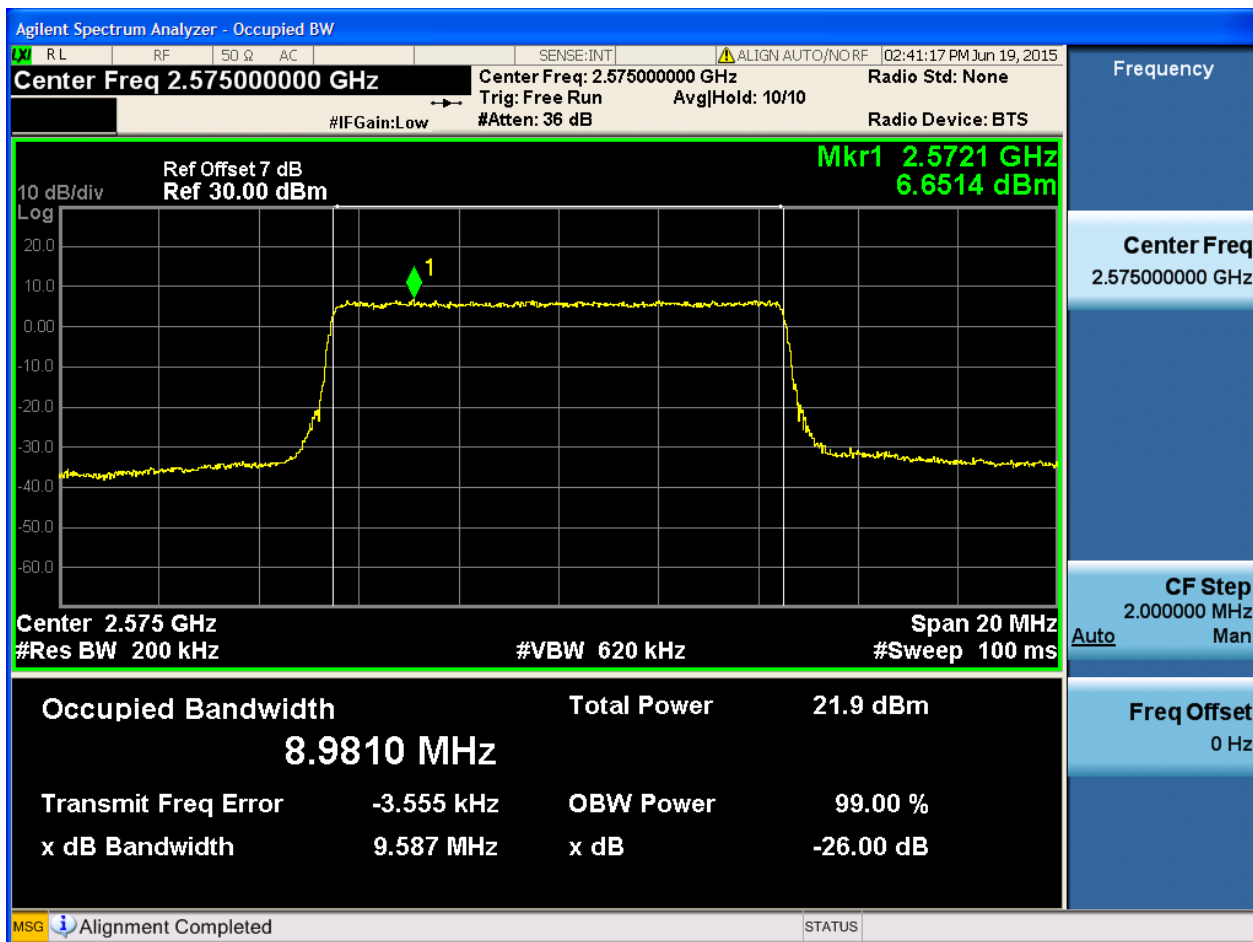




4.1.1.1.2 Test Bandwidth = 10

4.1.1.1.2.1 Test Channel = LCH

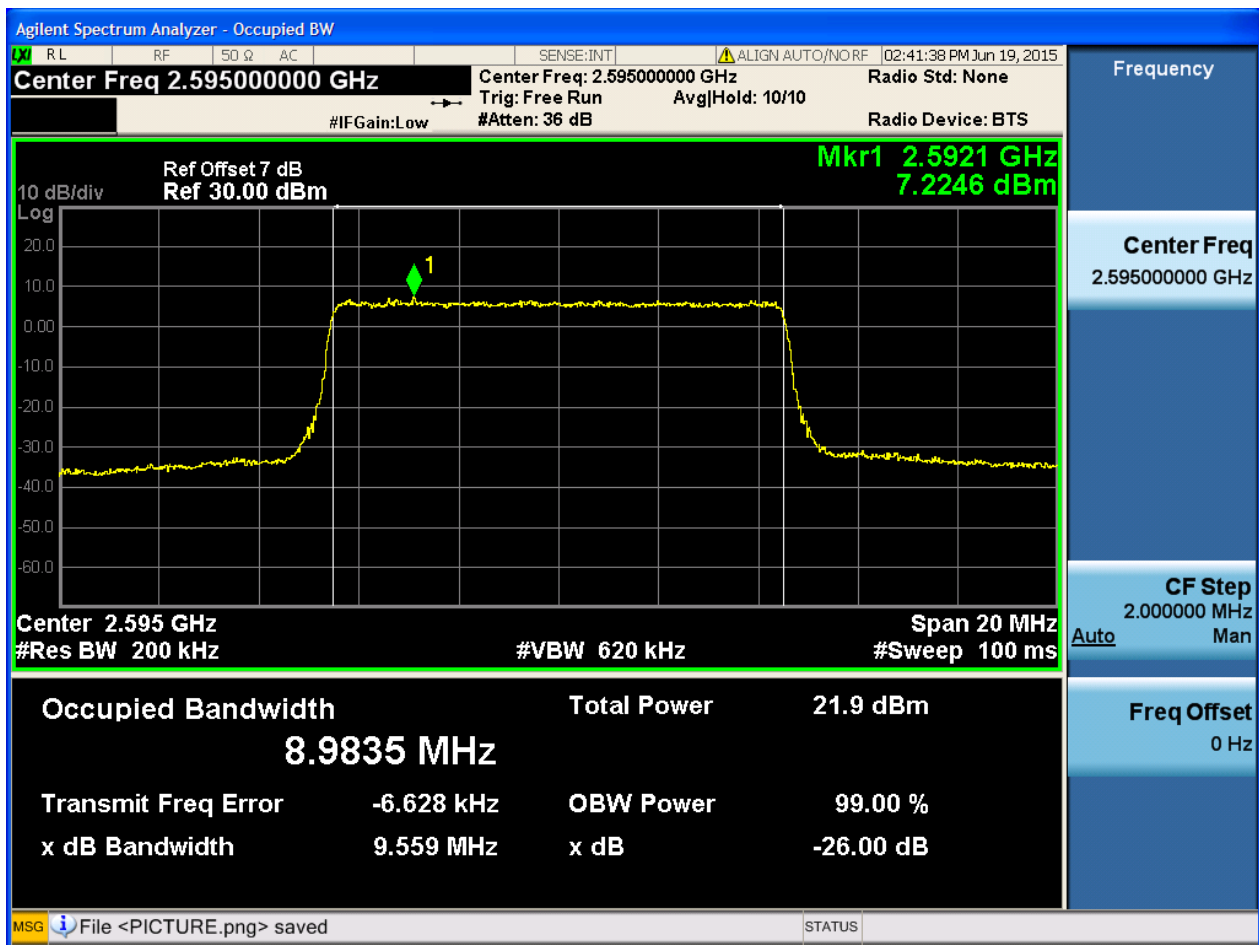
4.1.1.1.2.1.1 Test RB = RB50#0





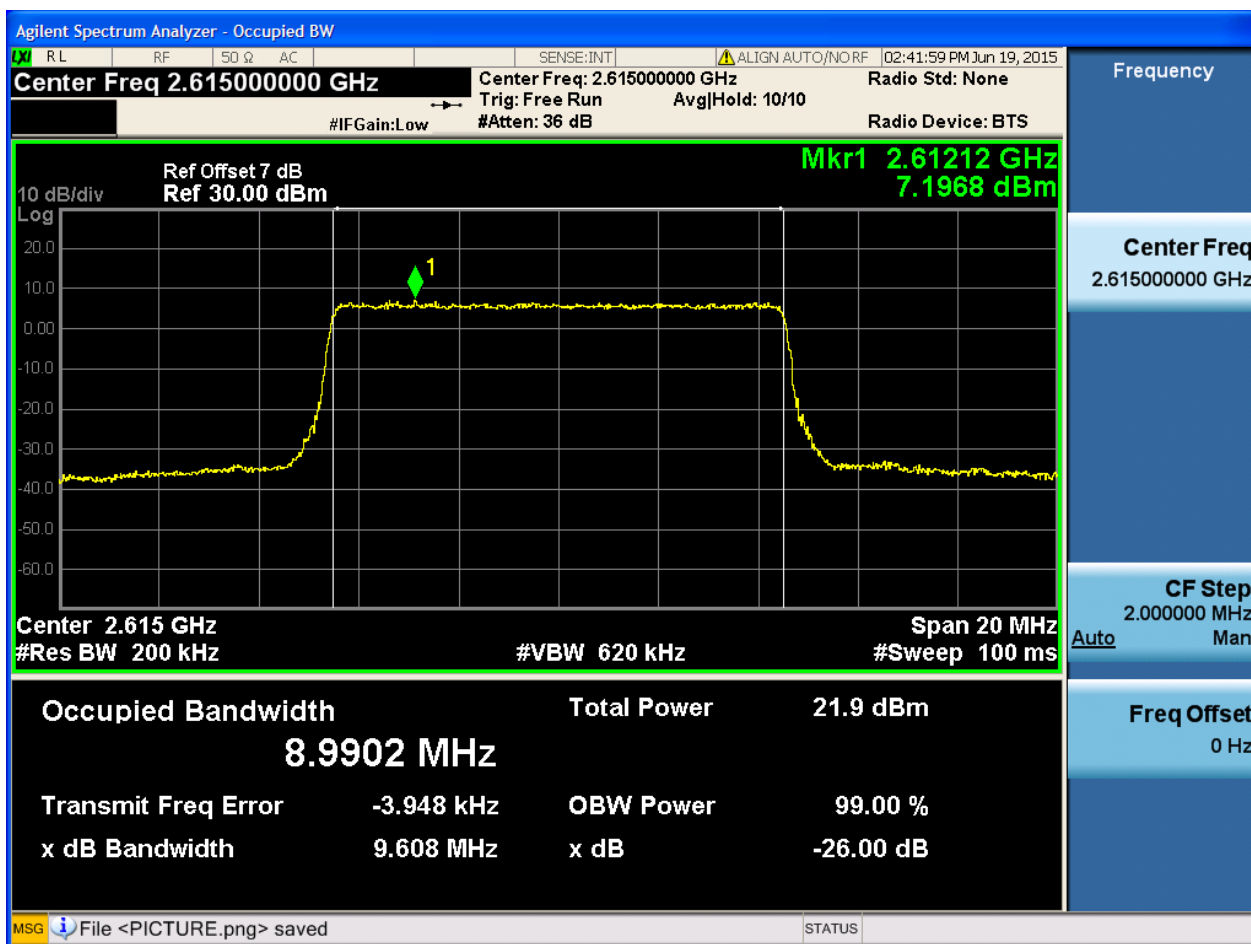
4.1.1.1.2.2 Test Channel = MCH

4.1.1.1.2.2.1 Test RB = RB50#0



4.1.1.1.2.3 Test Channel = HCH

4.1.1.1.2.3.1 Test RB = RB50#0

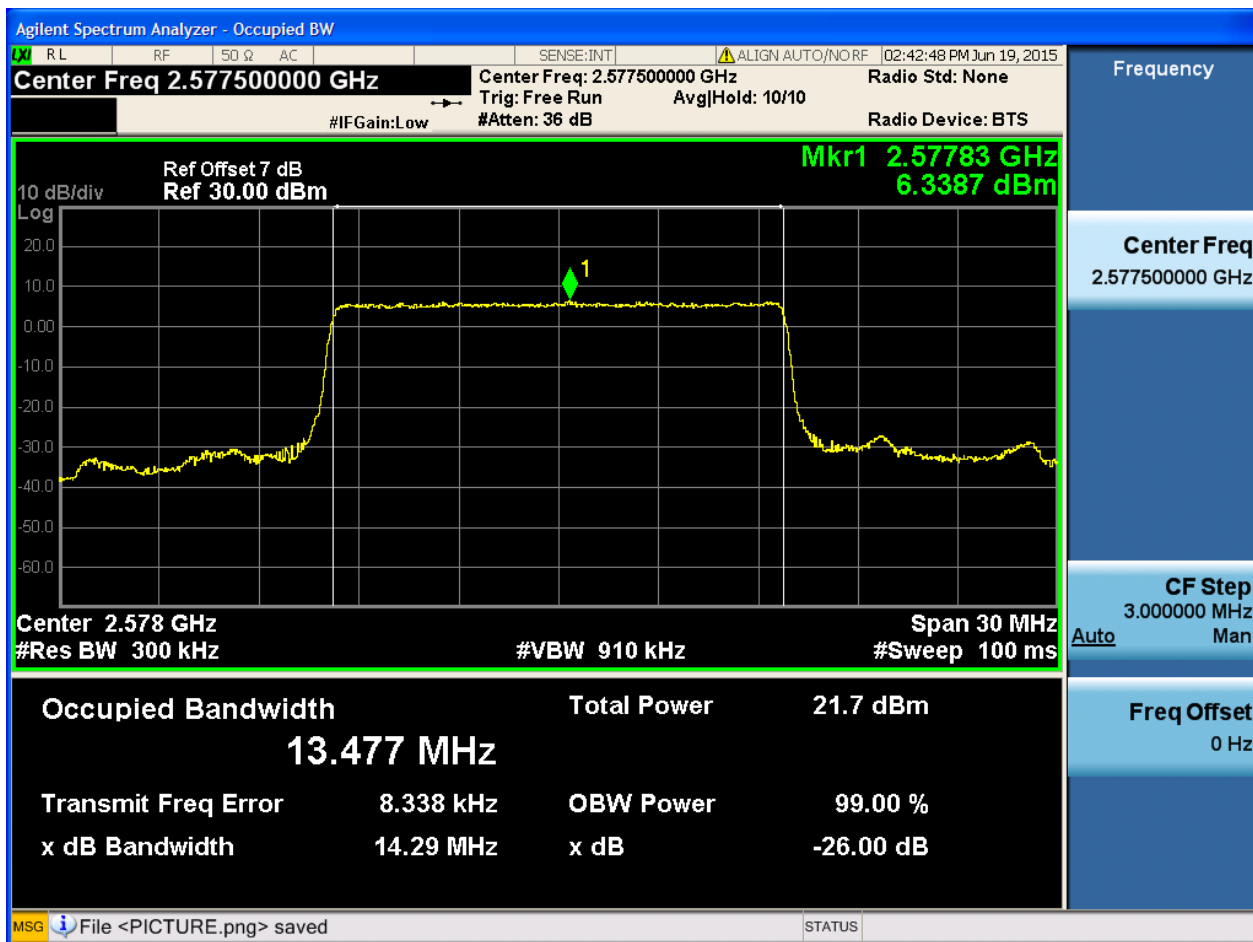




4.1.1.1.3 Test Bandwidth = 15

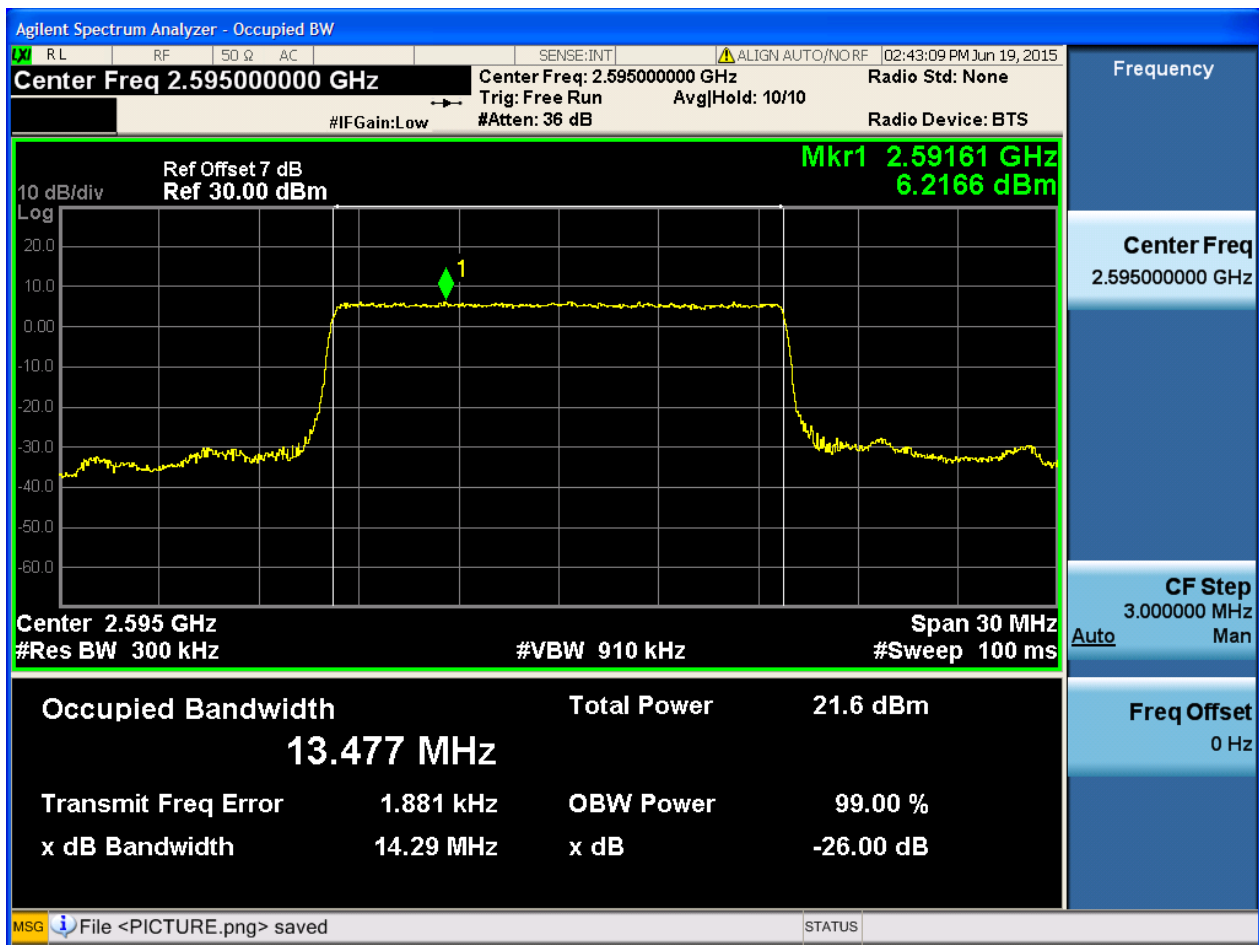
4.1.1.1.3.1 Test Channel = LCH

4.1.1.1.3.1.2 Test RB = RB75#0



4.1.1.1.3.2 Test Channel = MCH

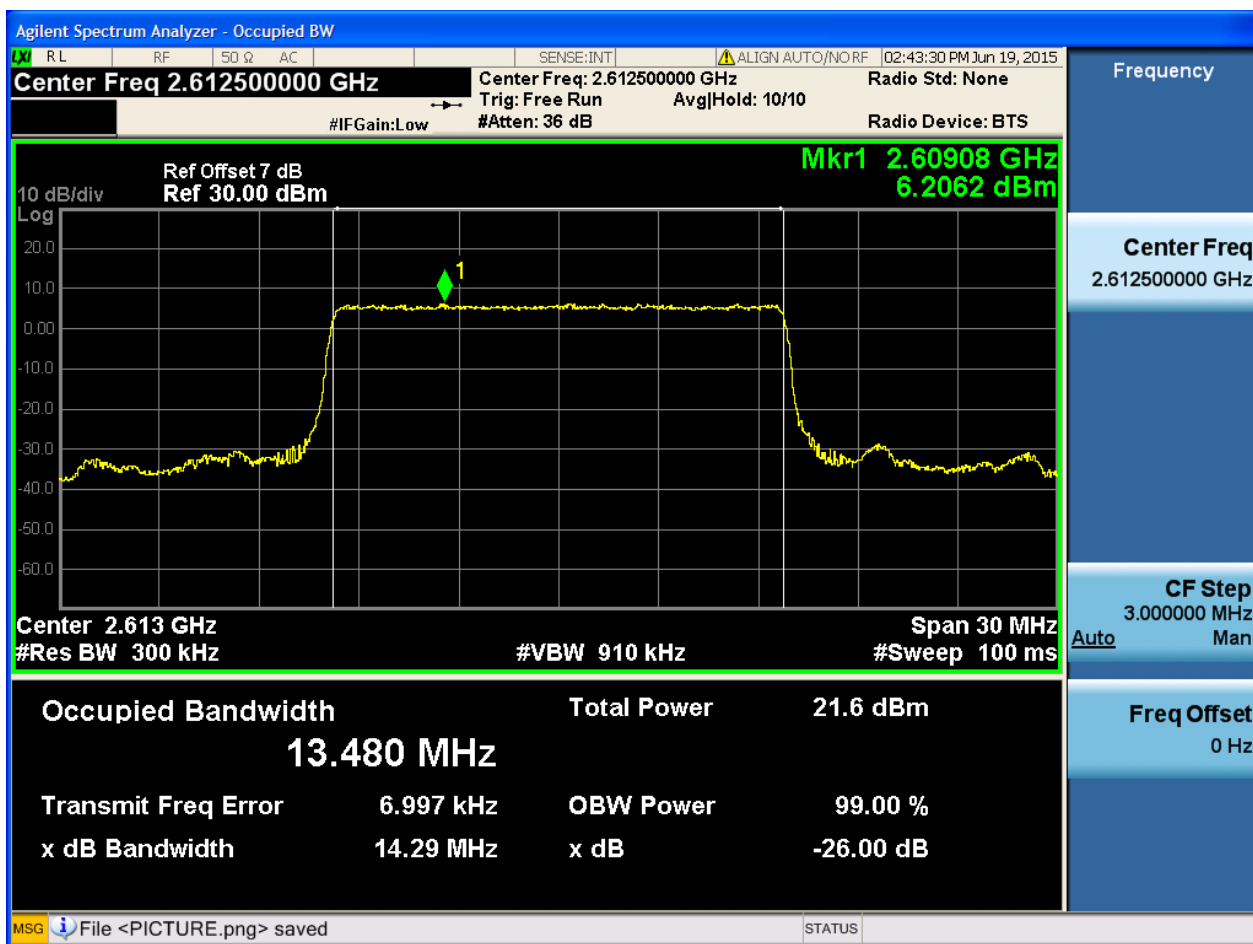
4.1.1.1.3.2.1 Test RB = RB75#0





4.1.1.1.3.3 Test Channel = HCH

4.1.1.1.3.3.1 Test RB = RB75#0

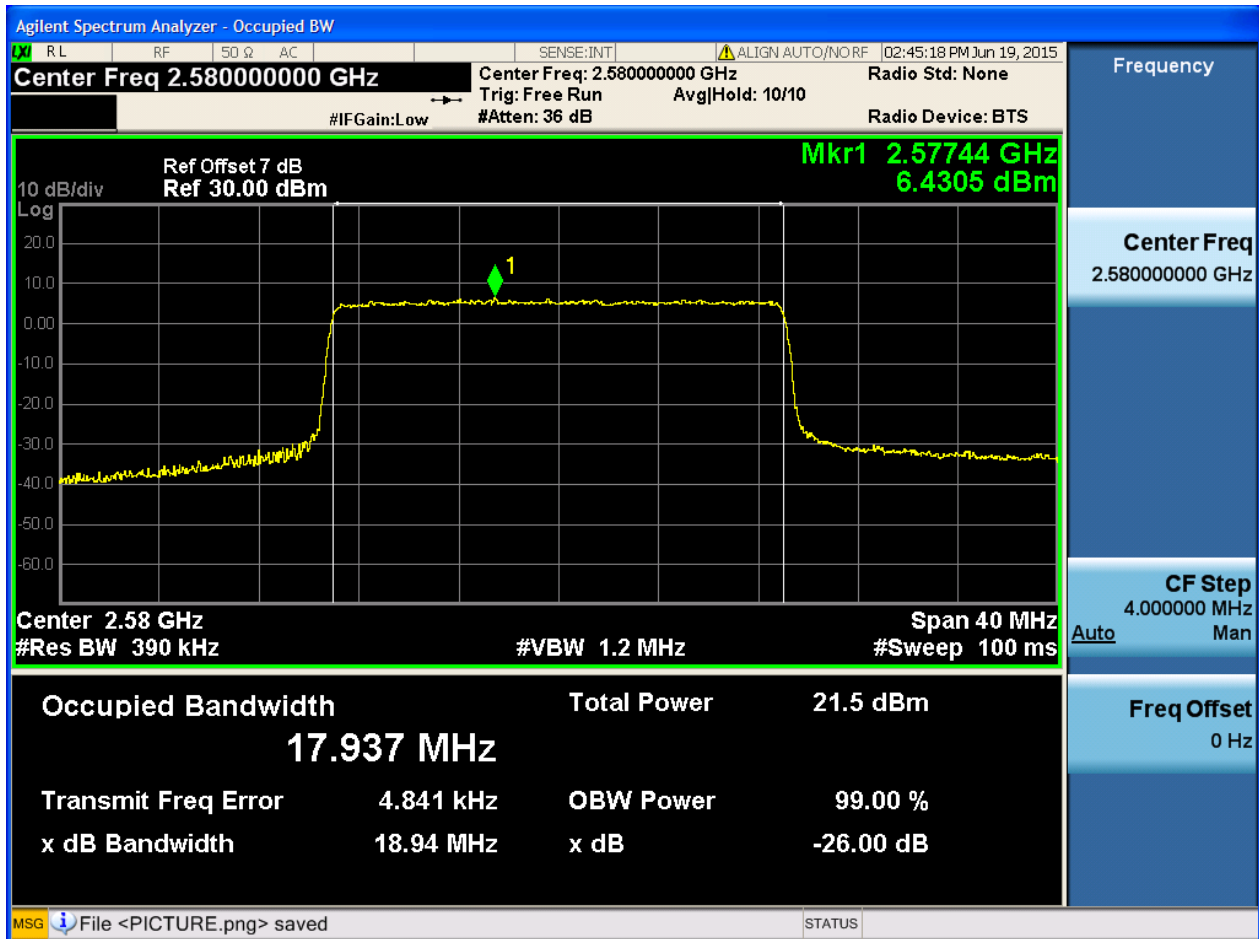




4.1.1.1.4 Test Bandwidth = 20

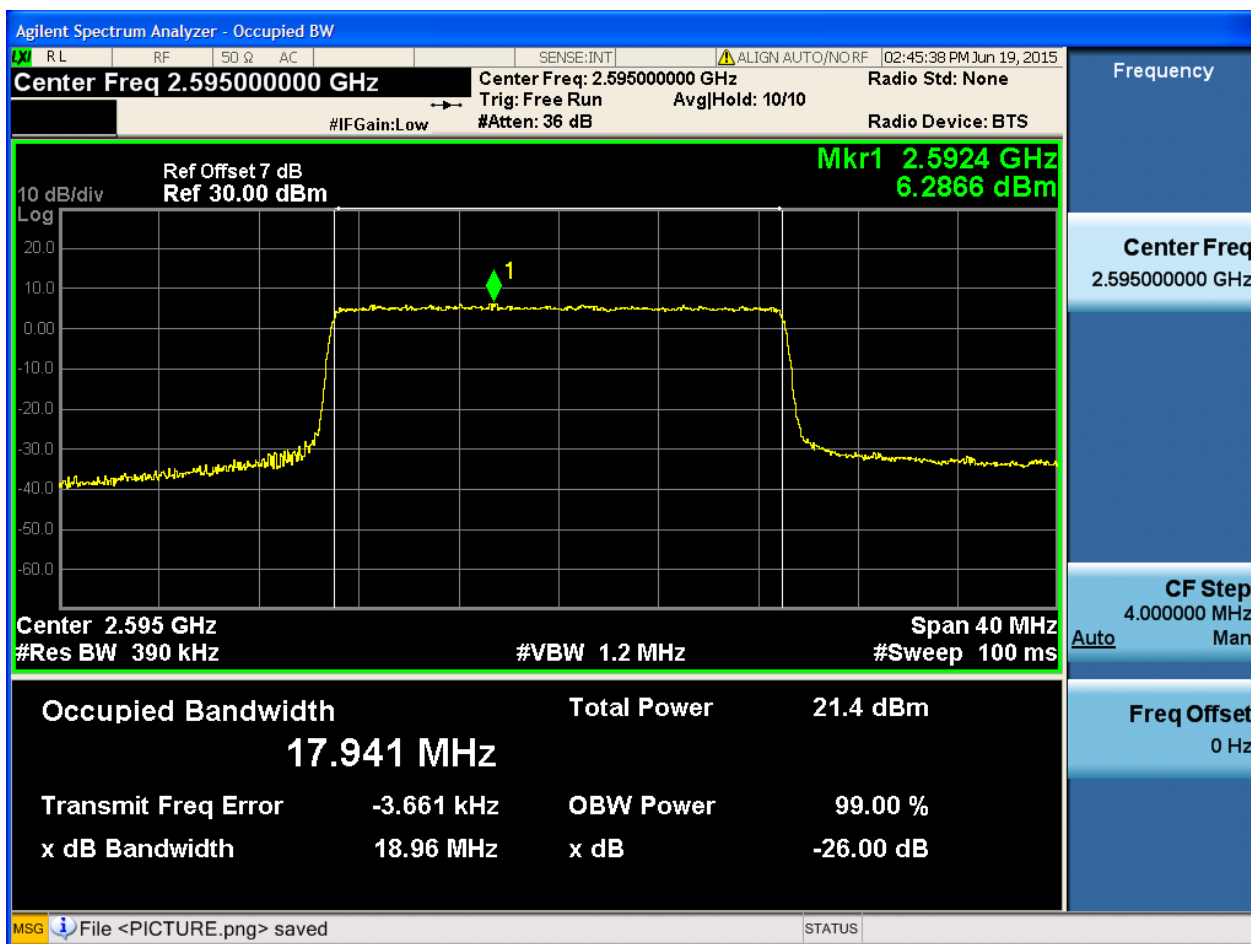
4.1.1.1.4.1 Test Channel = LCH

4.1.1.1.4.1.1 Test RB = RB100#0



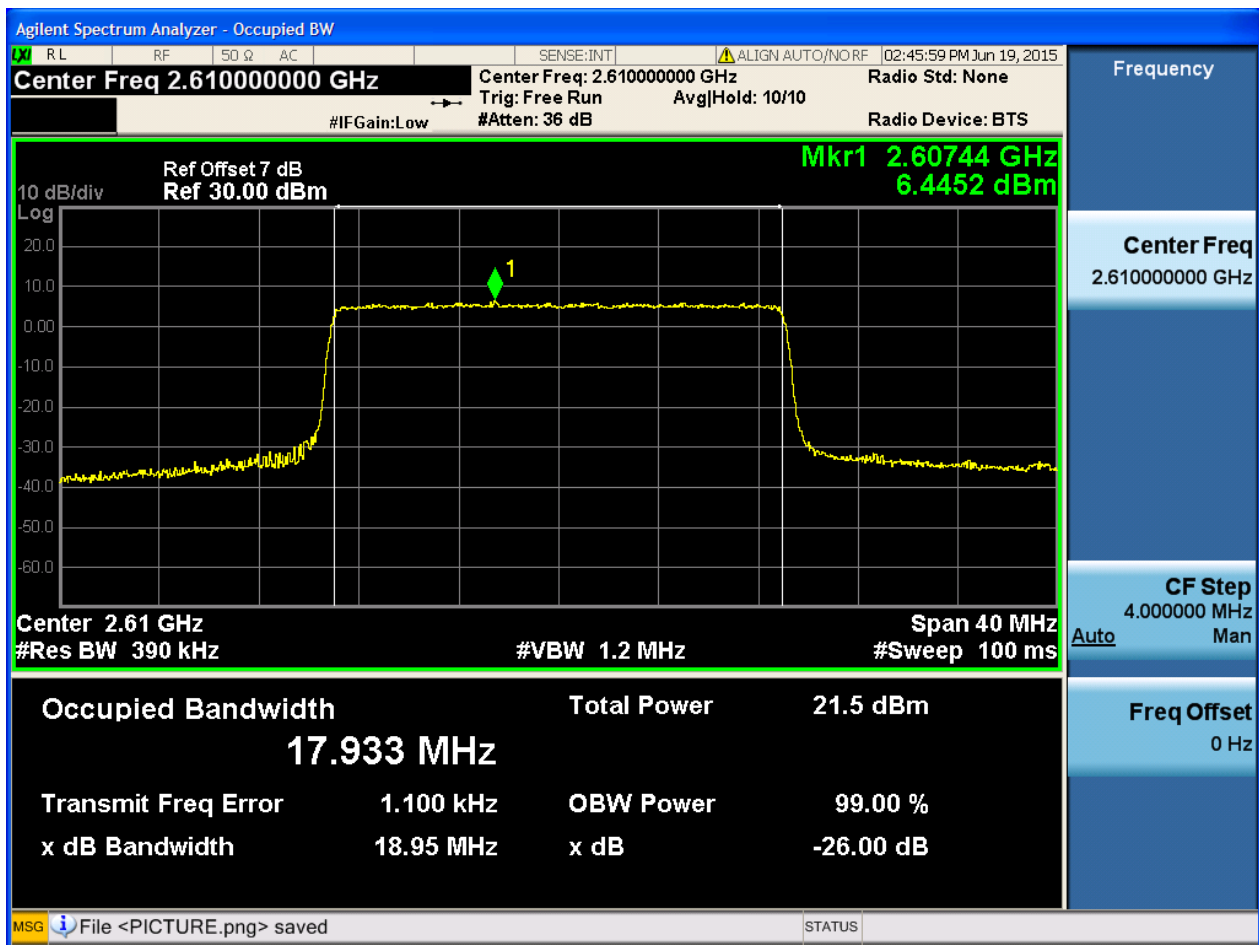
4.1.1.1.4.2 Test Channel = MCH

4.1.1.1.4.2.1 Test RB = RB100#0



4.1.1.1.4.3 Test Channel = HCH

4.1.1.1.4.3.1 Test RB = RB100#0



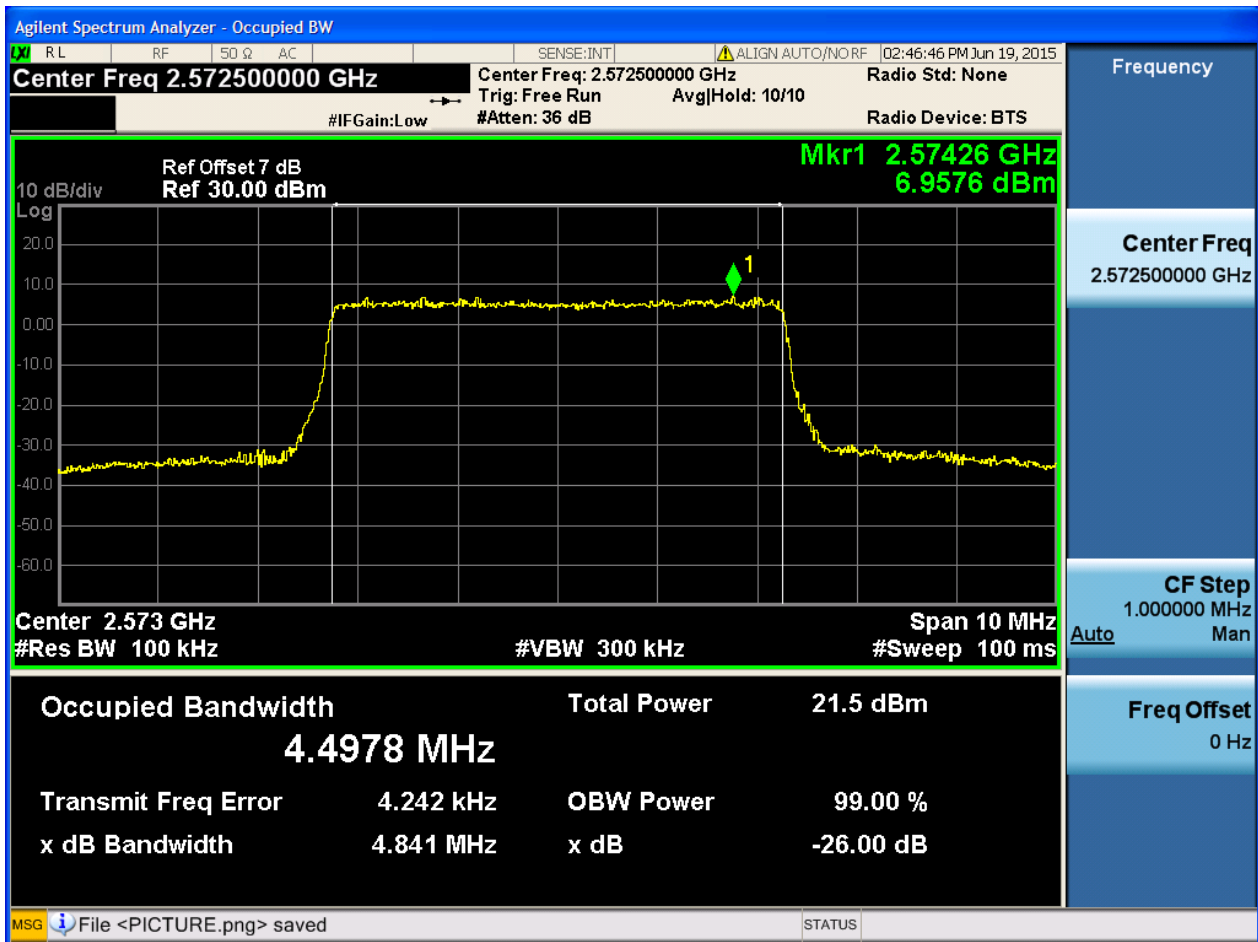


4.1.1.2 Test Mode = LTE/TM2

4.1.1.2.1 Test Bandwidth = 5

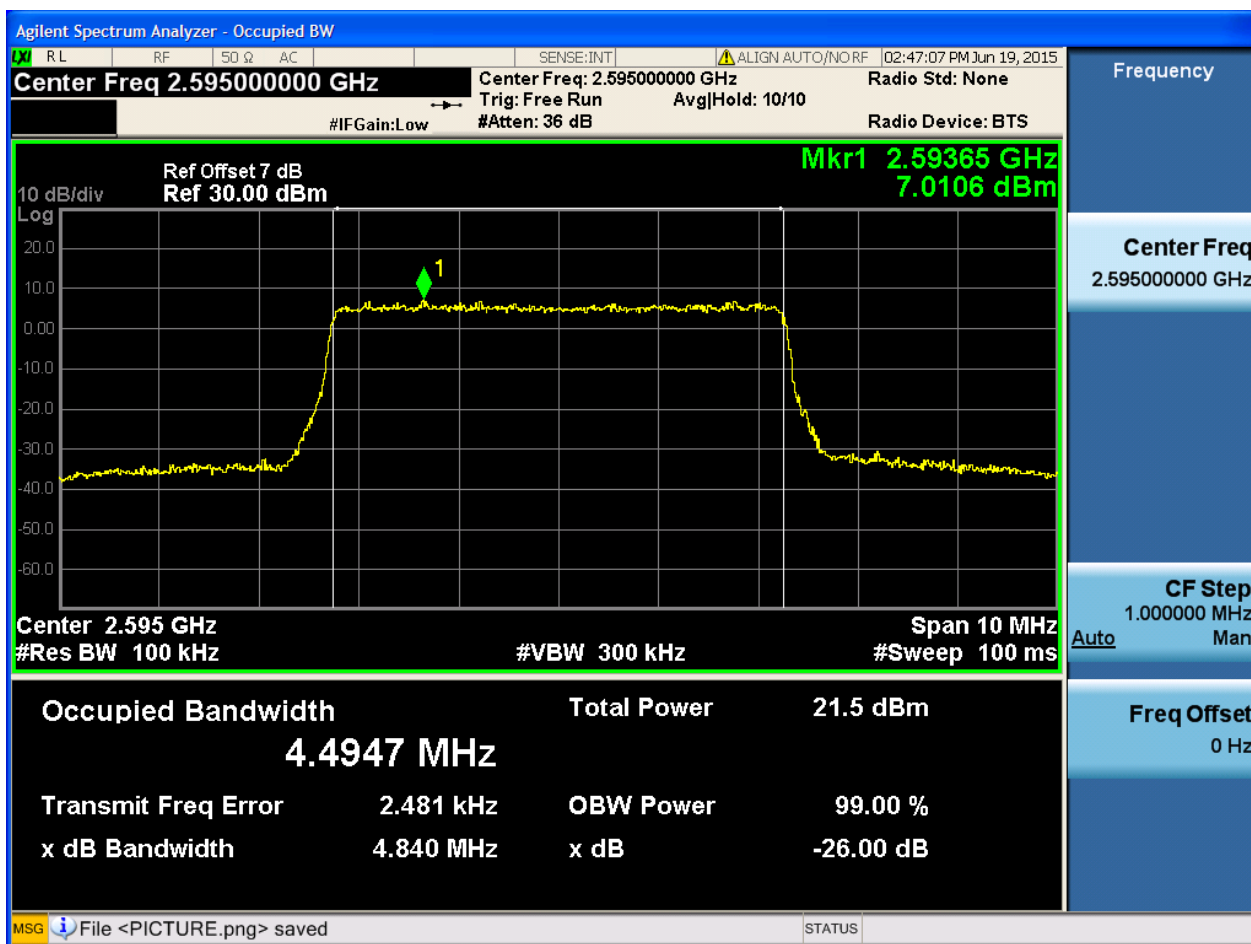
4.1.1.2.1.1 Test Channel = LCH

4.1.1.2.1.1.1 Test RB = RB25#0



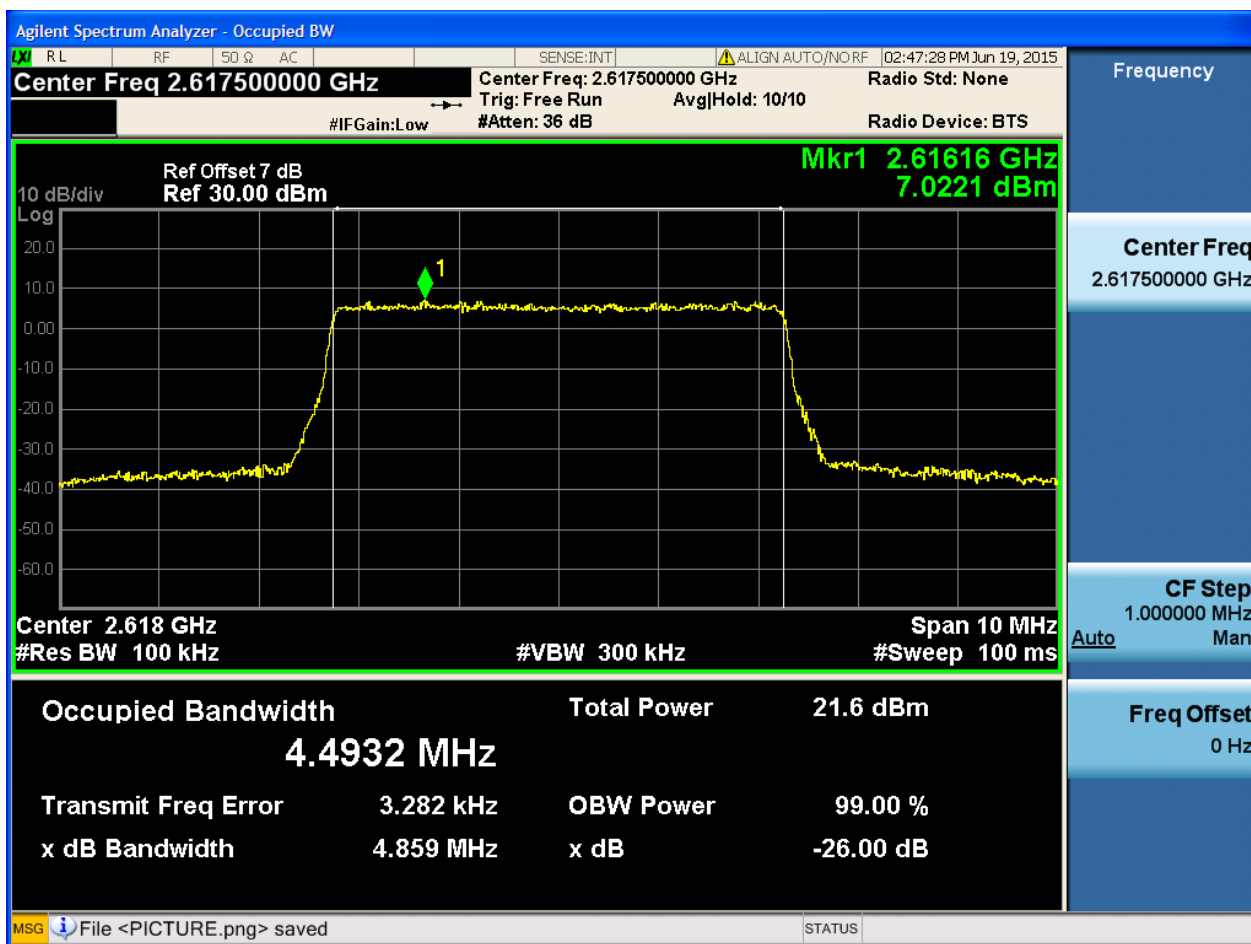
4.1.1.2.1.2 Test Channel = MCH

4.1.1.2.1.2.1 Test RB = RB25#0



4.1.1.2.1.3 Test Channel = HCH

4.1.1.2.1.3.1 Test RB = RB25#0

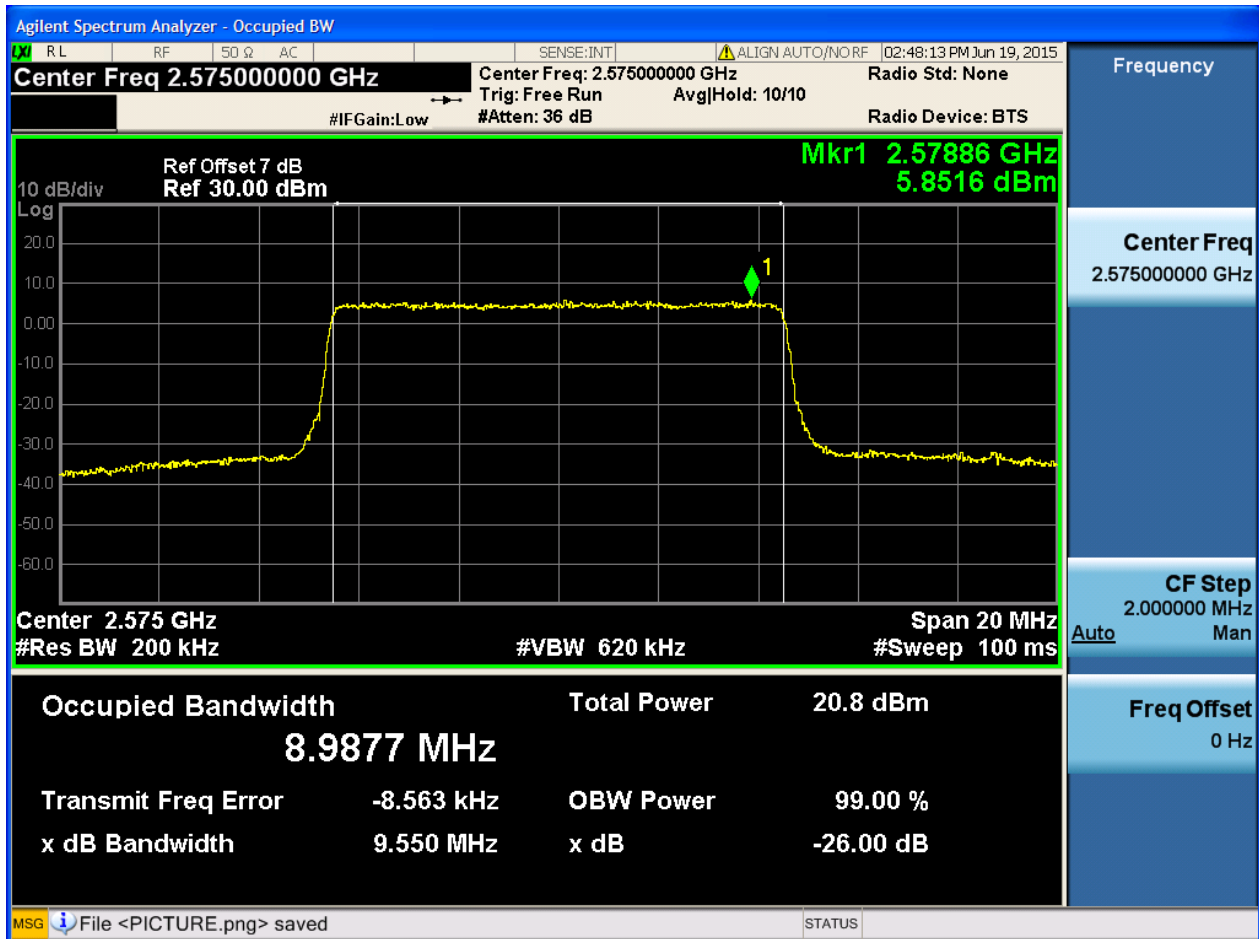




4.1.1.2.2 Test Bandwidth = 10

4.1.1.2.2.1 Test Channel = LCH

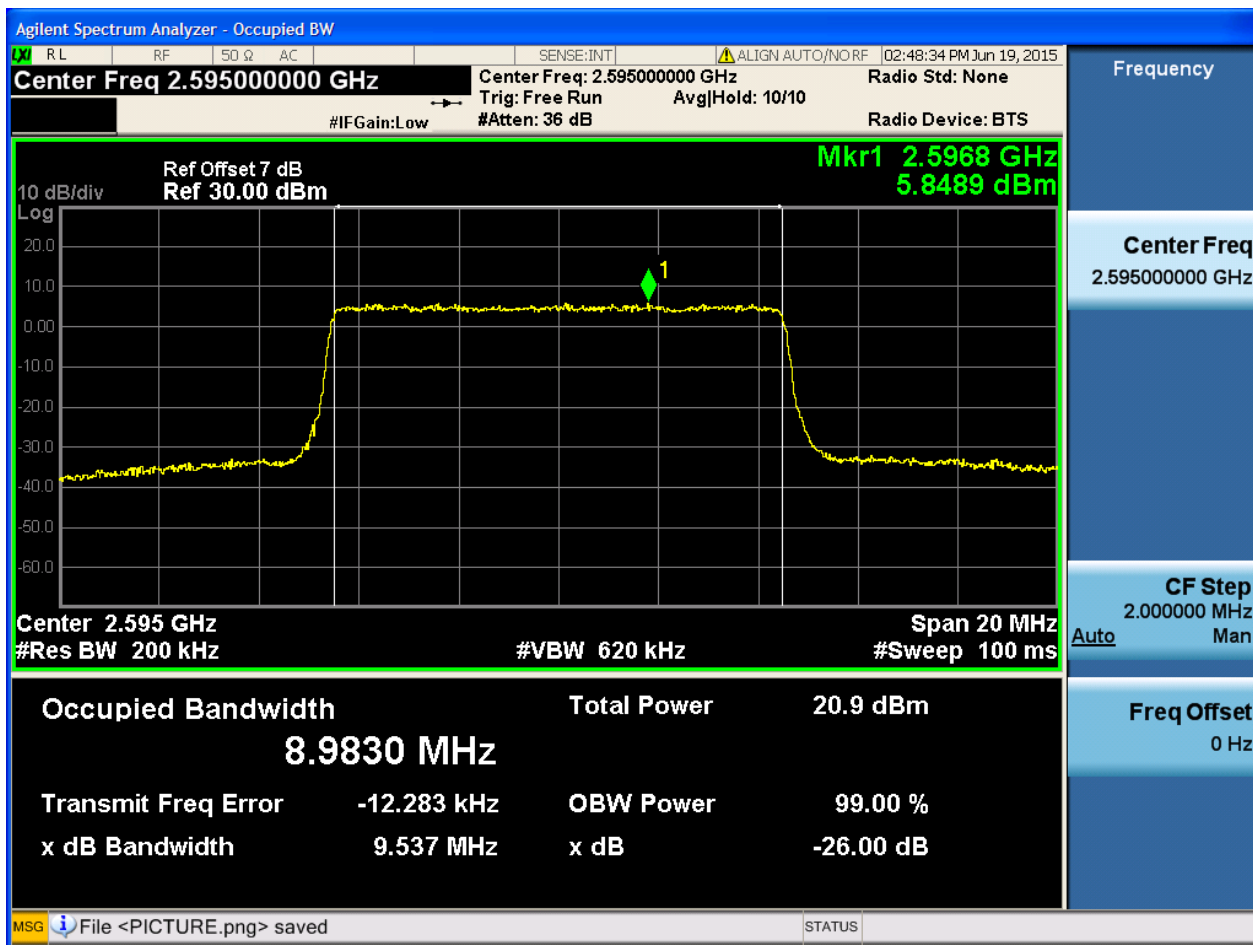
4.1.1.2.2.1.1 Test RB = RB50#0





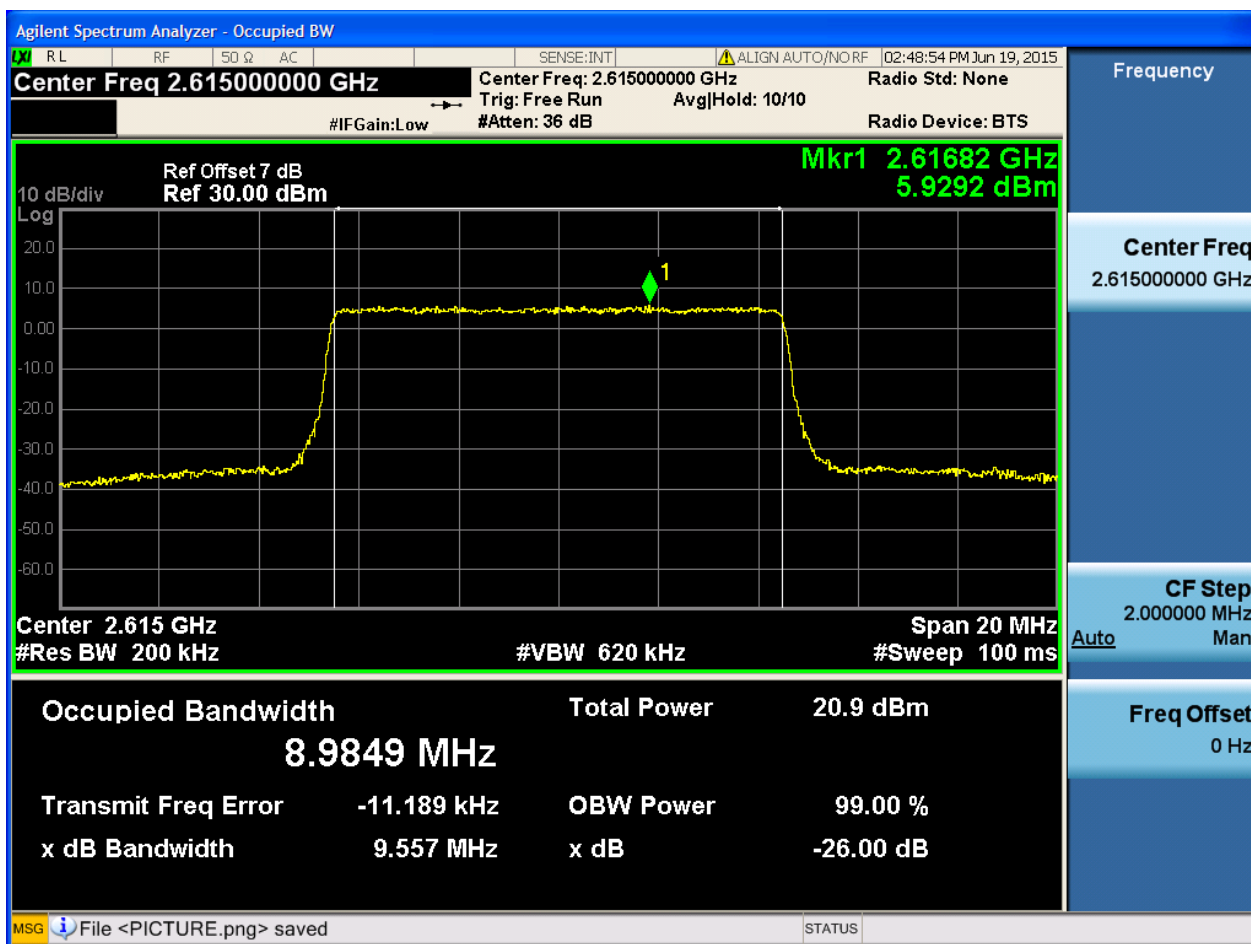
4.1.1.2.2.2 Test Channel = MCH

4.1.1.2.2.1 Test RB = RB50#0



4.1.1.2.2.3 Test Channel = HCH

4.1.1.2.2.3.1 Test RB = RB50#0

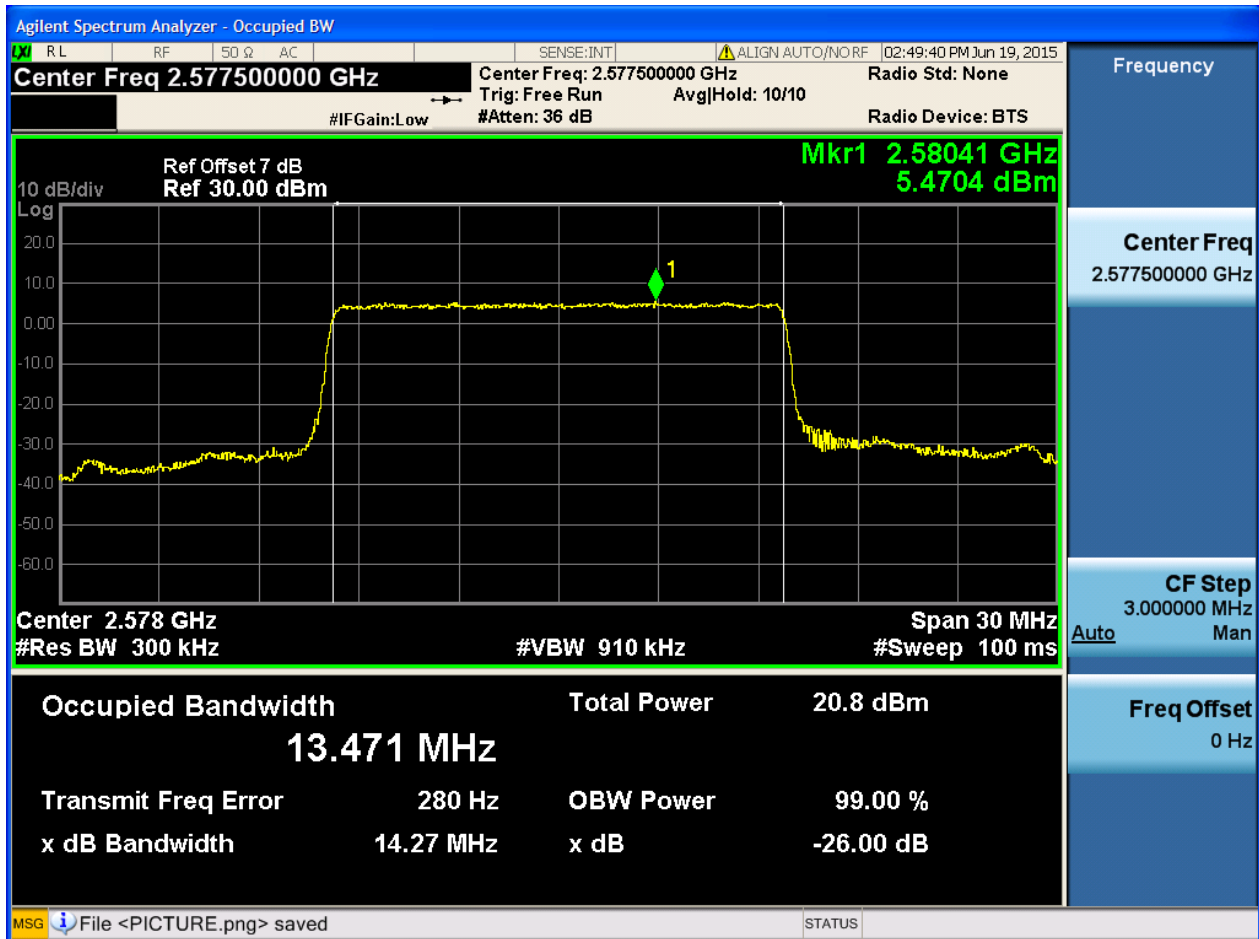




4.1.1.2.3 Test Bandwidth = 15

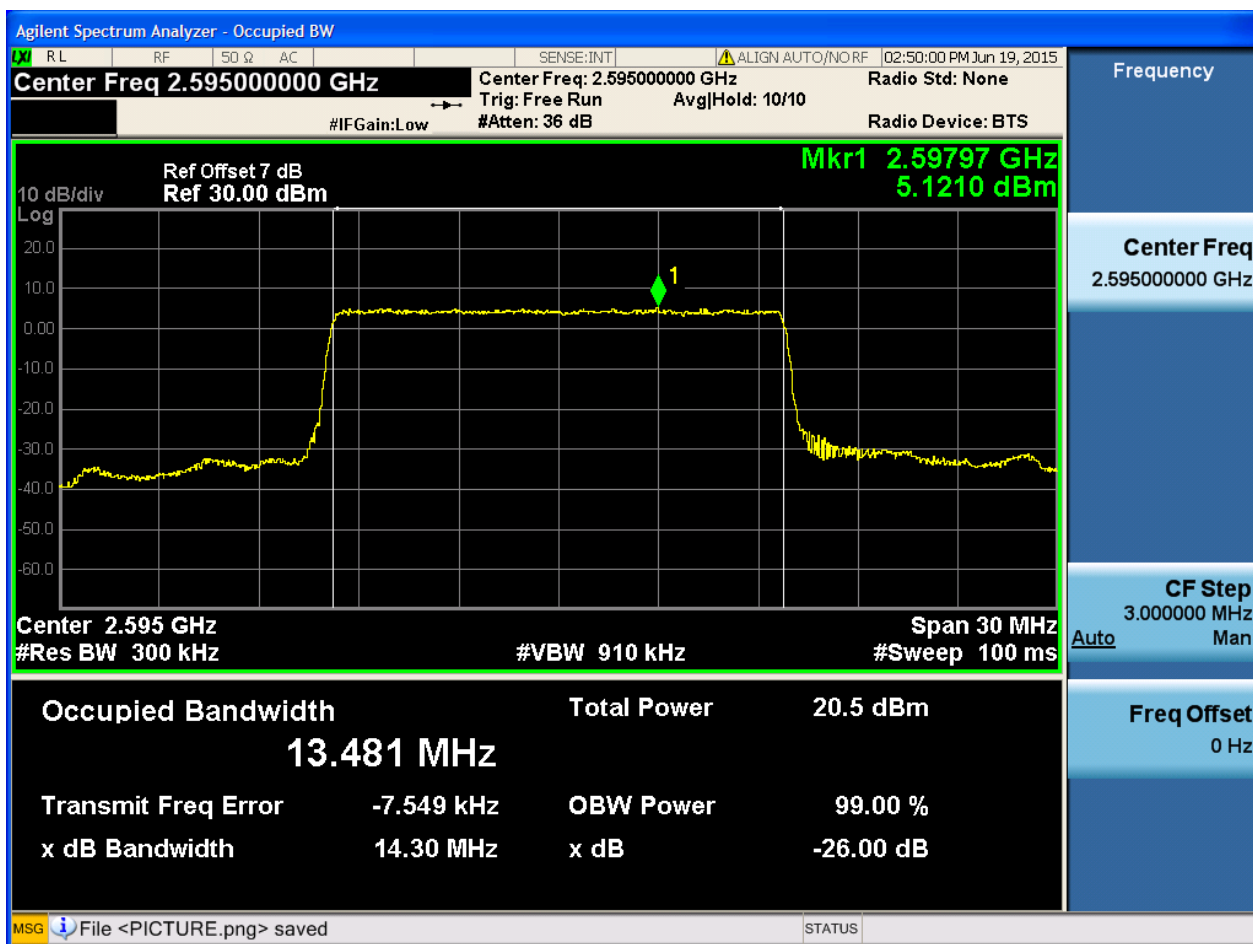
4.1.1.2.3.1 Test Channel = LCH

4.1.1.2.3.1.2 Test RB = RB75#0



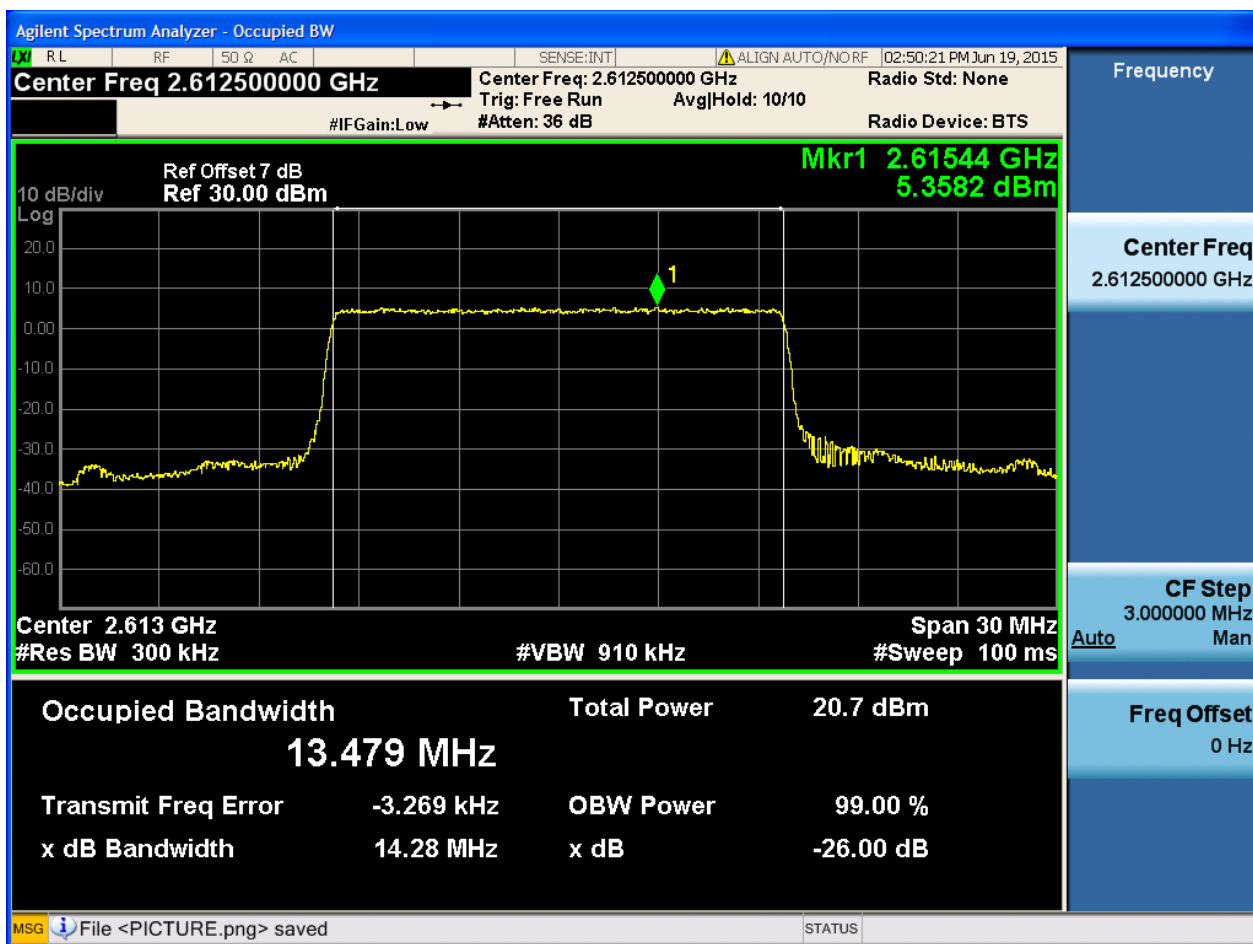
4.1.1.2.3.2 Test Channel = MCH

4.1.1.2.3.2.1 Test RB = RB75#0



4.1.1.2.3.3 Test Channel = HCH

4.1.1.2.3.3.1 Test RB = RB75#0

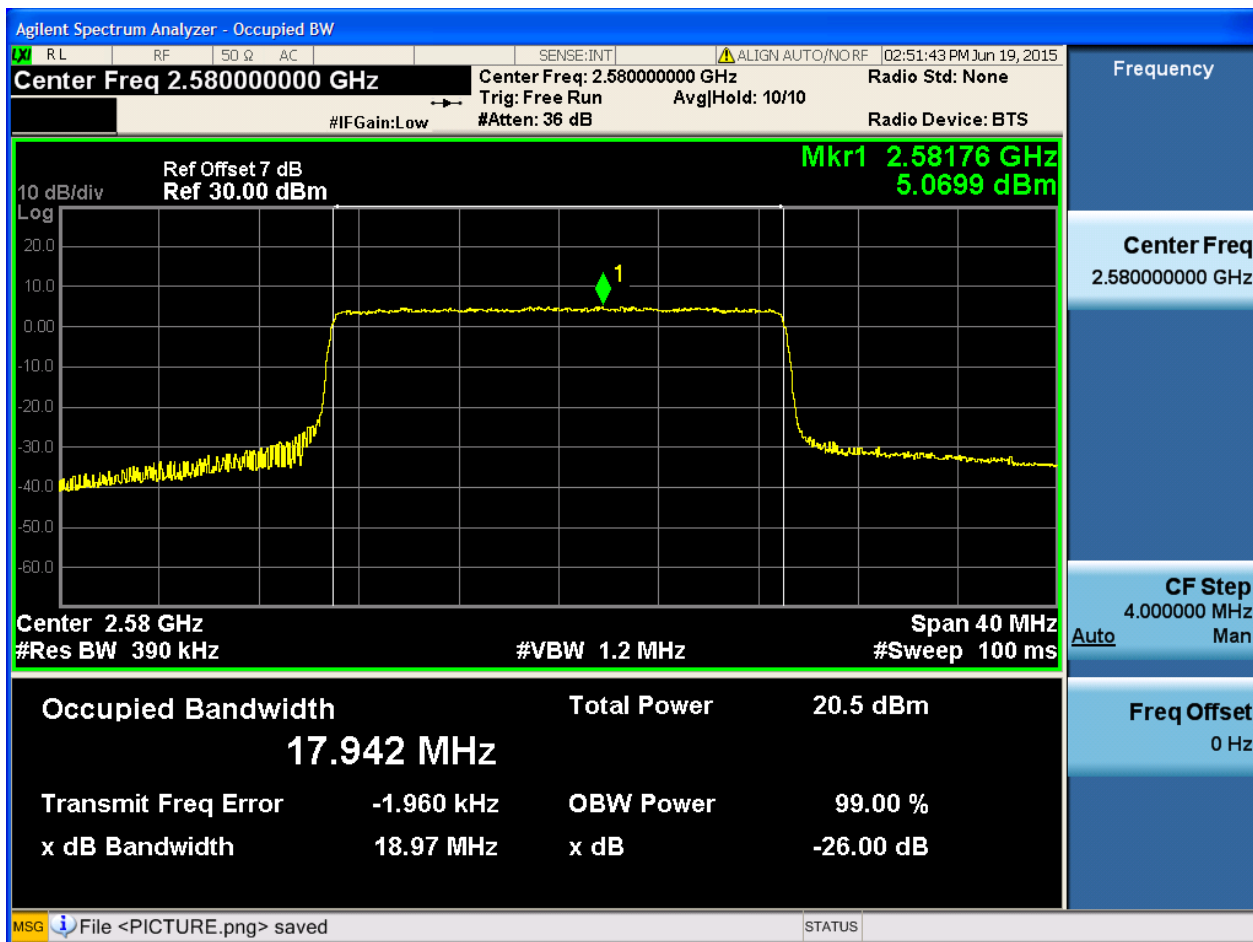




4.1.1.2.4 Test Bandwidth = 20

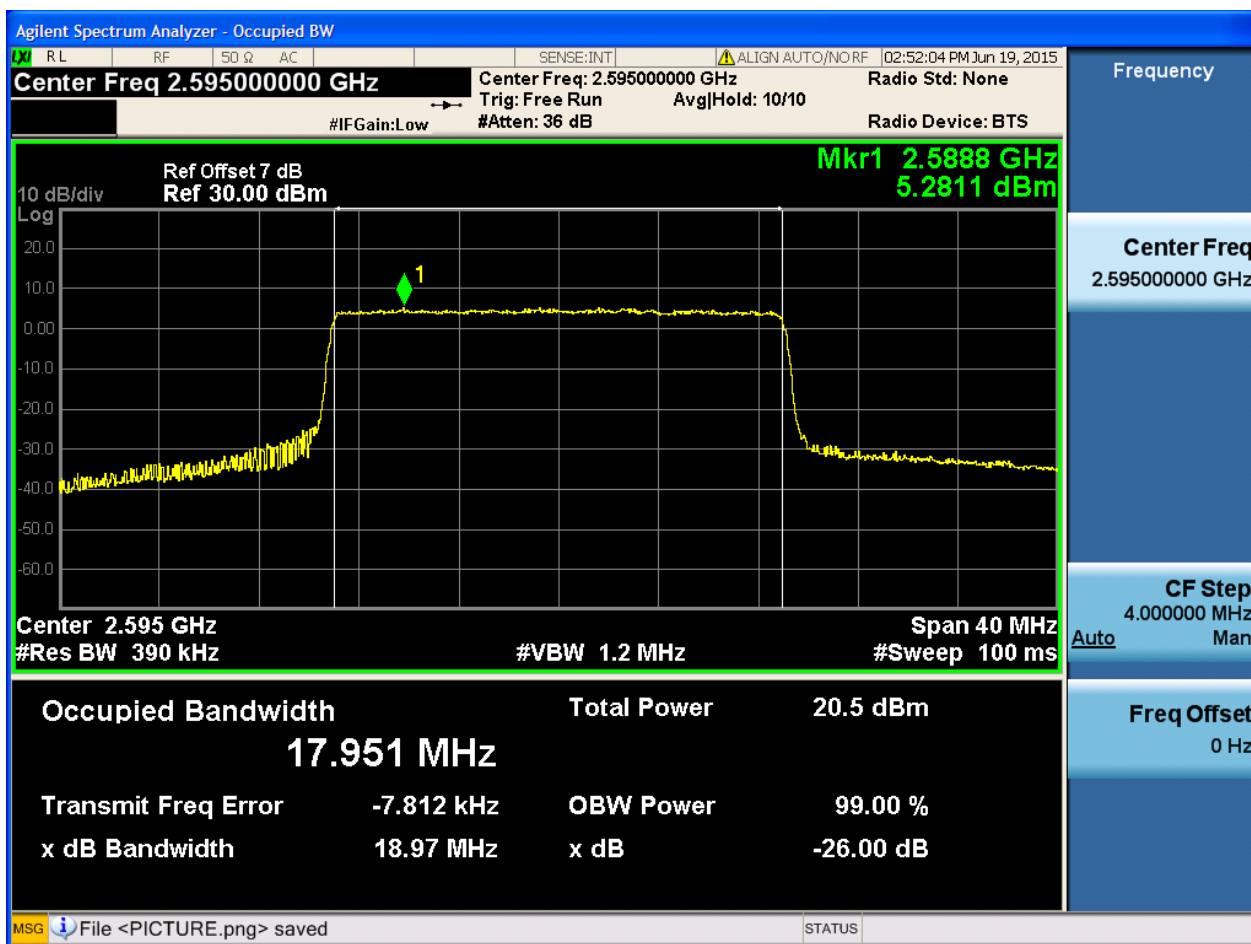
4.1.1.2.4.1 Test Channel = LCH

4.1.1.2.4.1.1 Test RB = RB100#0



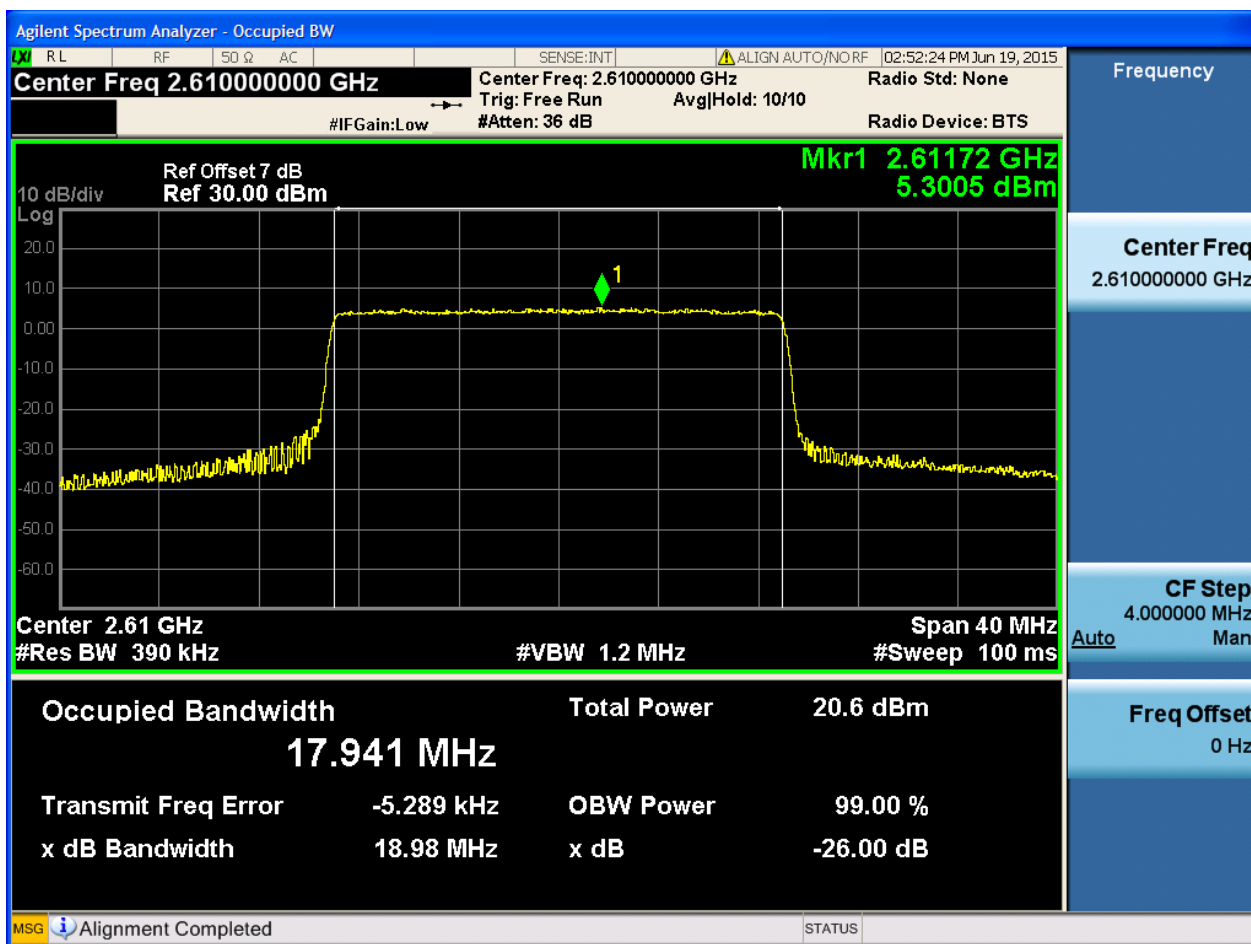
4.1.1.2.4.2 Test Channel = MCH

4.1.1.2.4.2.1 Test RB = RB100#0



4.1.1.2.4.3 Test Channel = HCH

4.1.1.2.4.3.1 Test RB = RB100#0





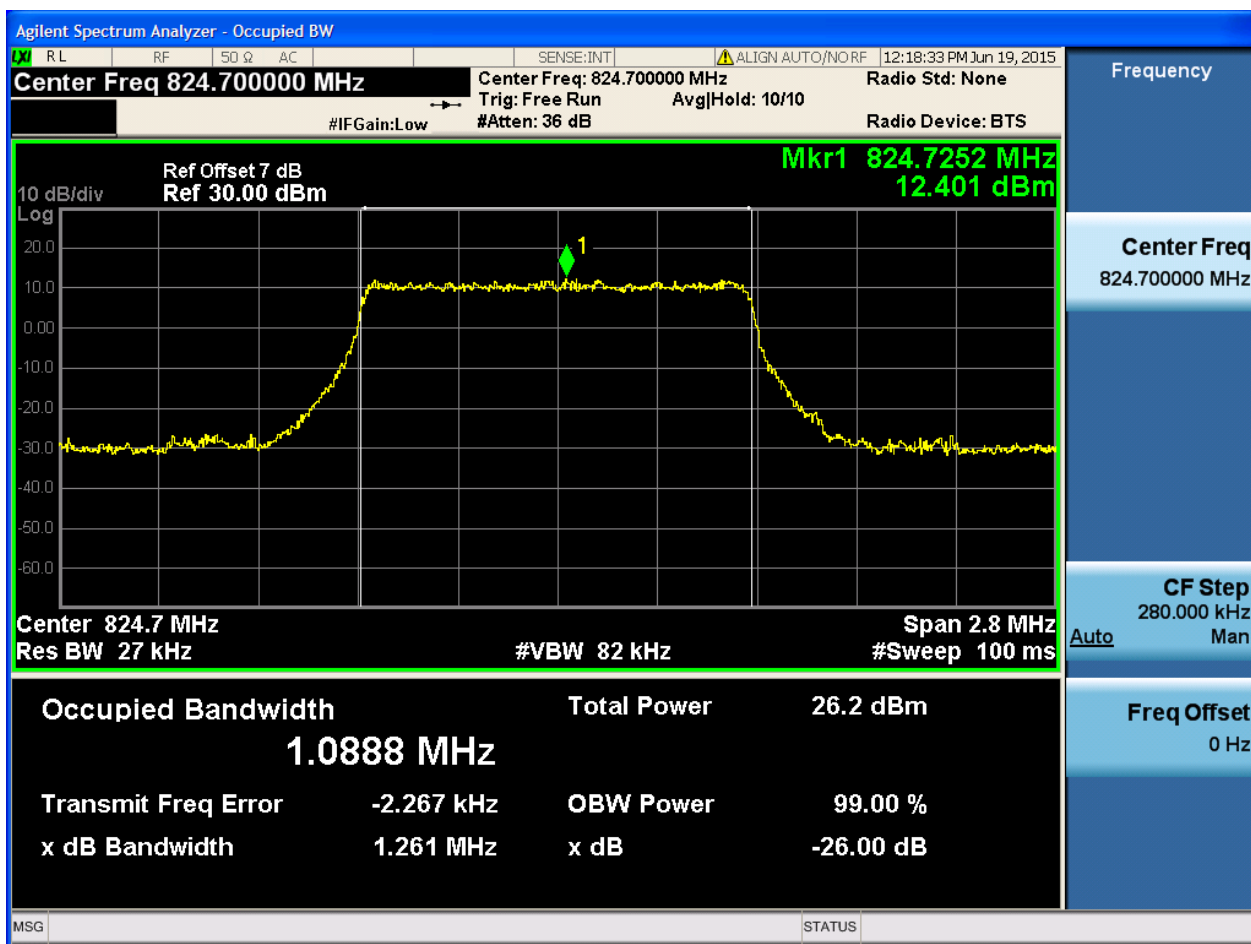
4.1.2 Test Band = BAND5

4.1.2.1 Test Mode = LTE/TM1

4.1.2.1.1 Test Bandwidth = 1.4

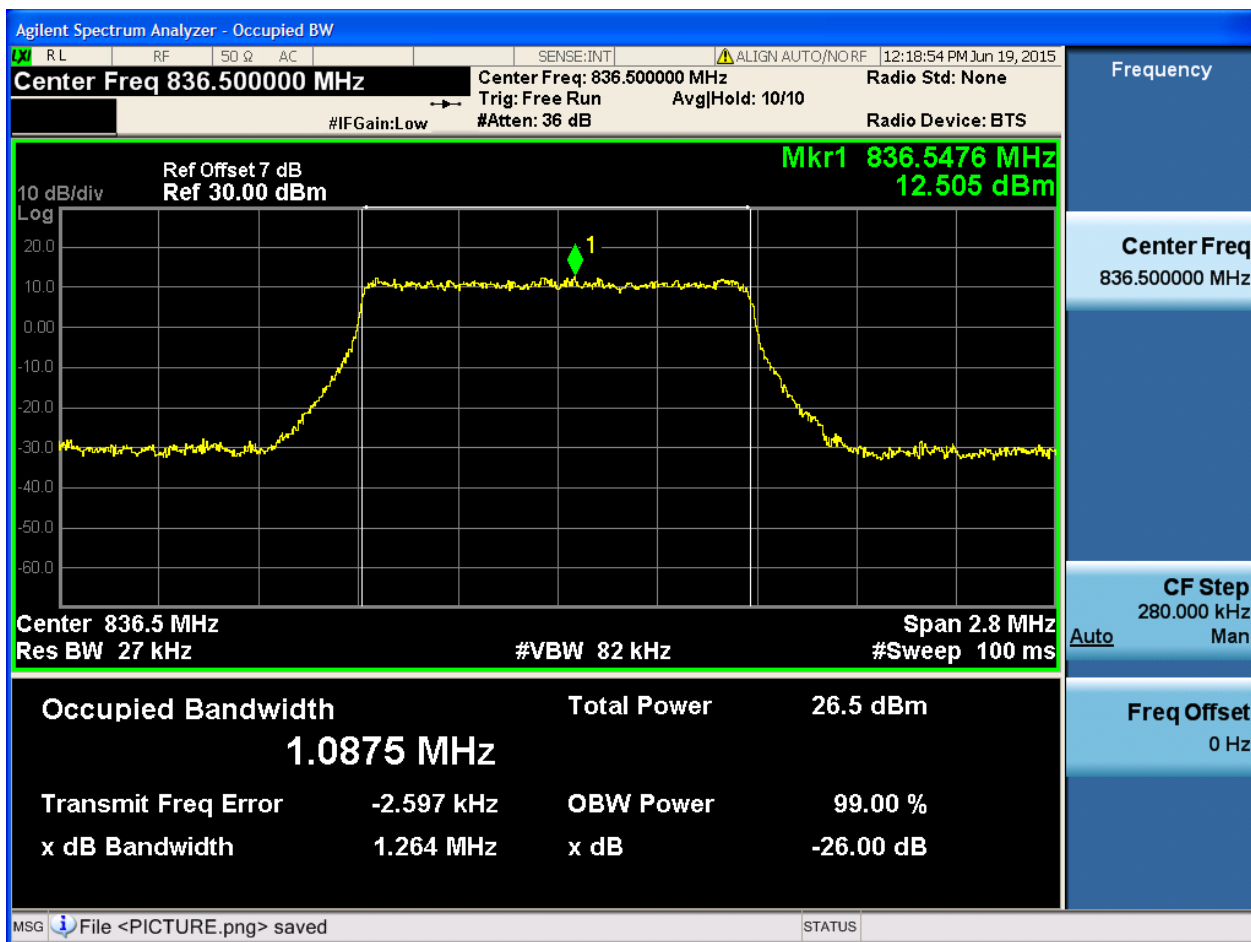
4.1.2.1.1.1 Test Channel = LCH

4.1.2.1.1.1.1 Test RB = RB6#0



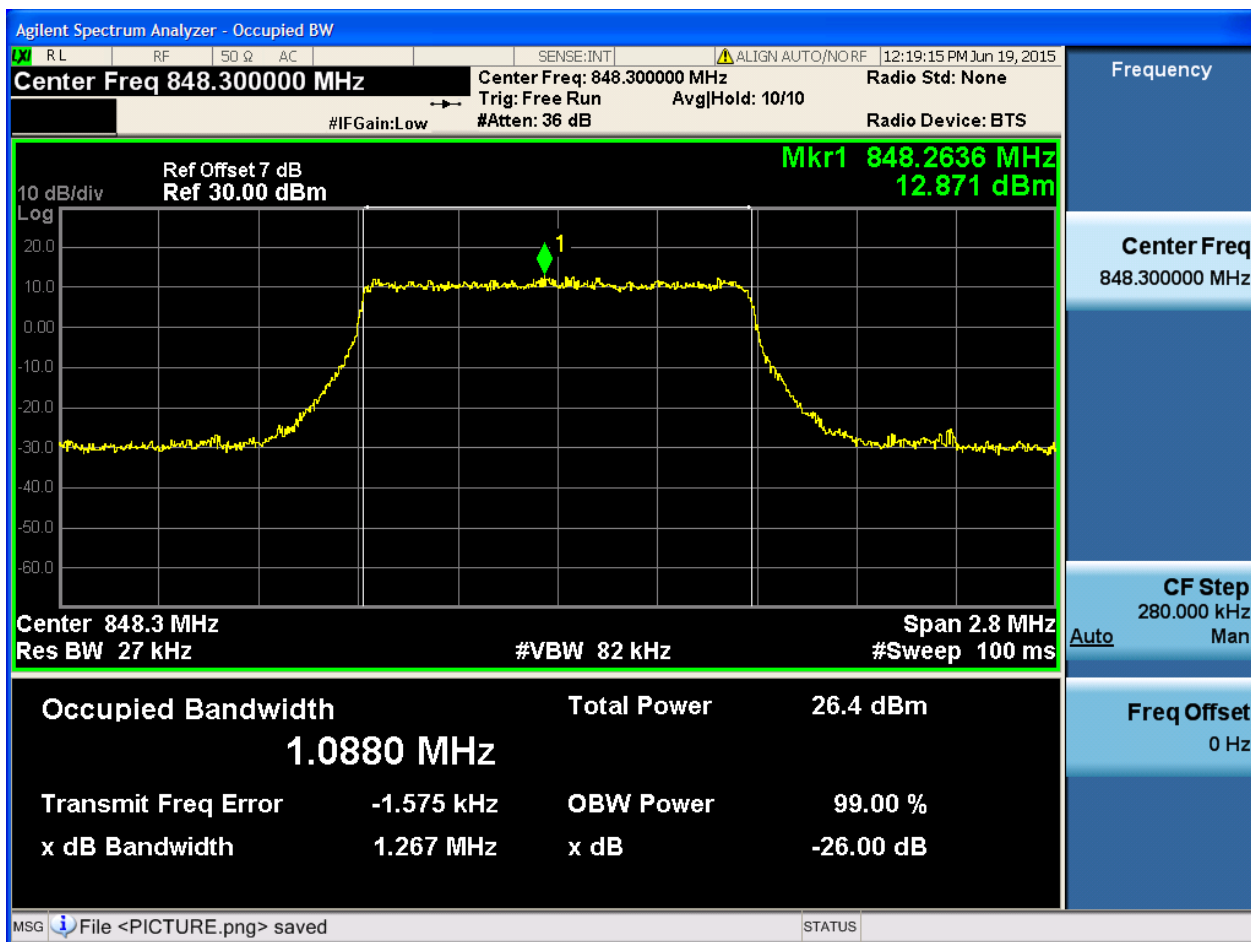
4.1.2.1.1.2 Test Channel = MCH

4.1.2.1.1.2.1 Test RB = RB6#0



4.1.2.1.1.3 Test Channel = HCH

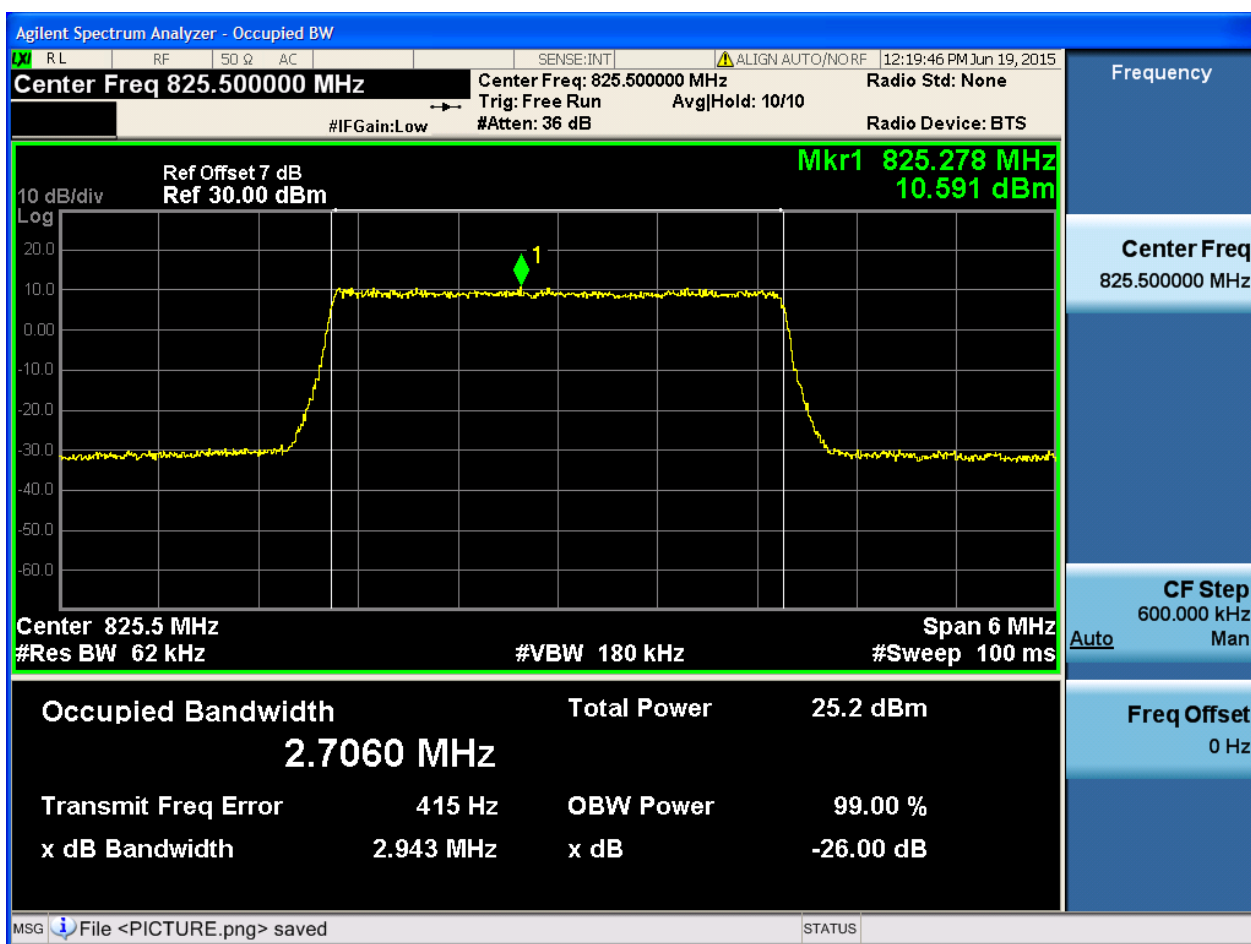
4.1.2.1.1.3.1 Test RB = RB6#0



4.1.2.1.2 Test Bandwidth = 3

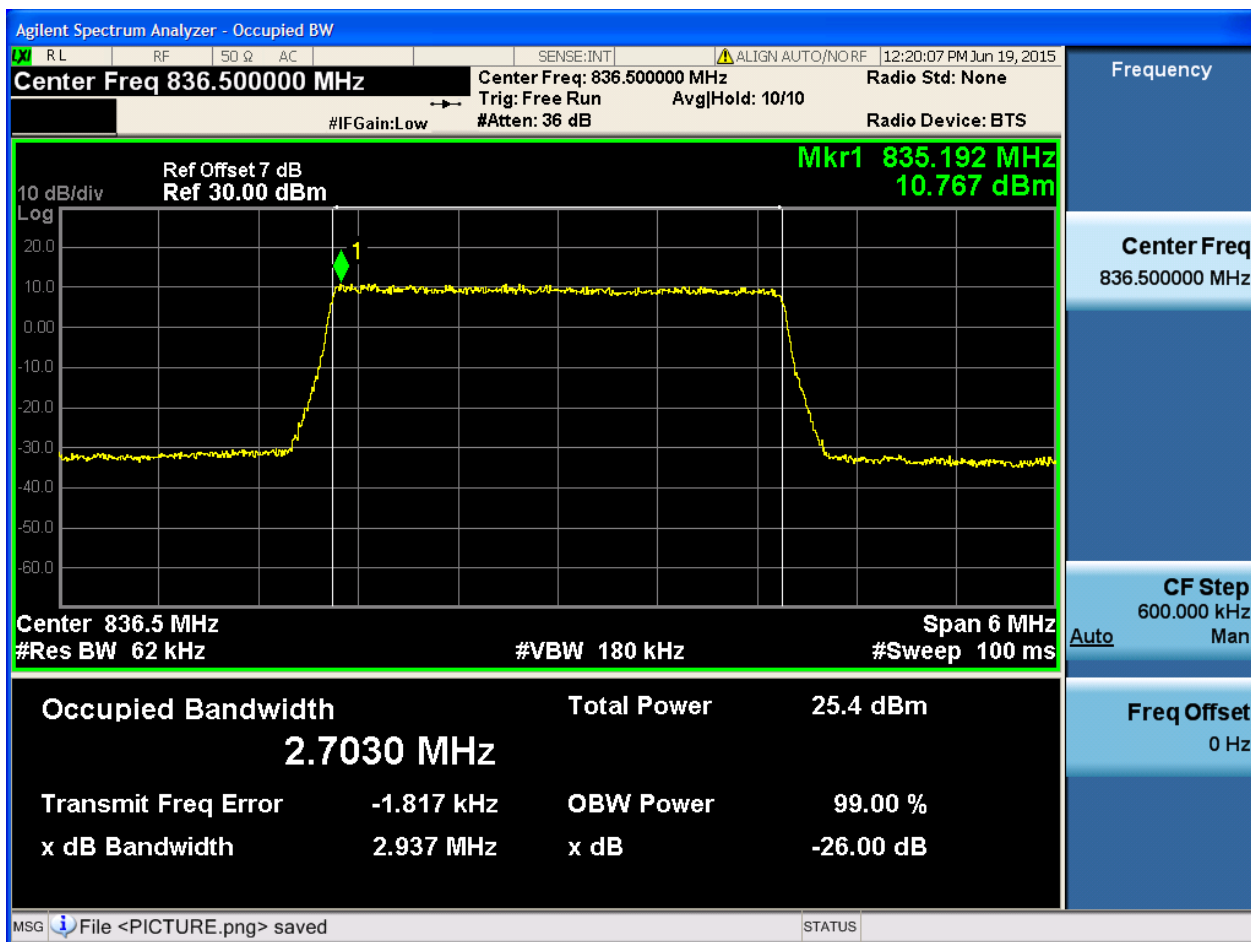
4.1.2.1.2.1 Test Channel = LCH

4.1.2.1.2.1.1 Test RB = RB15#0



4.1.2.1.2.2 Test Channel = MCH

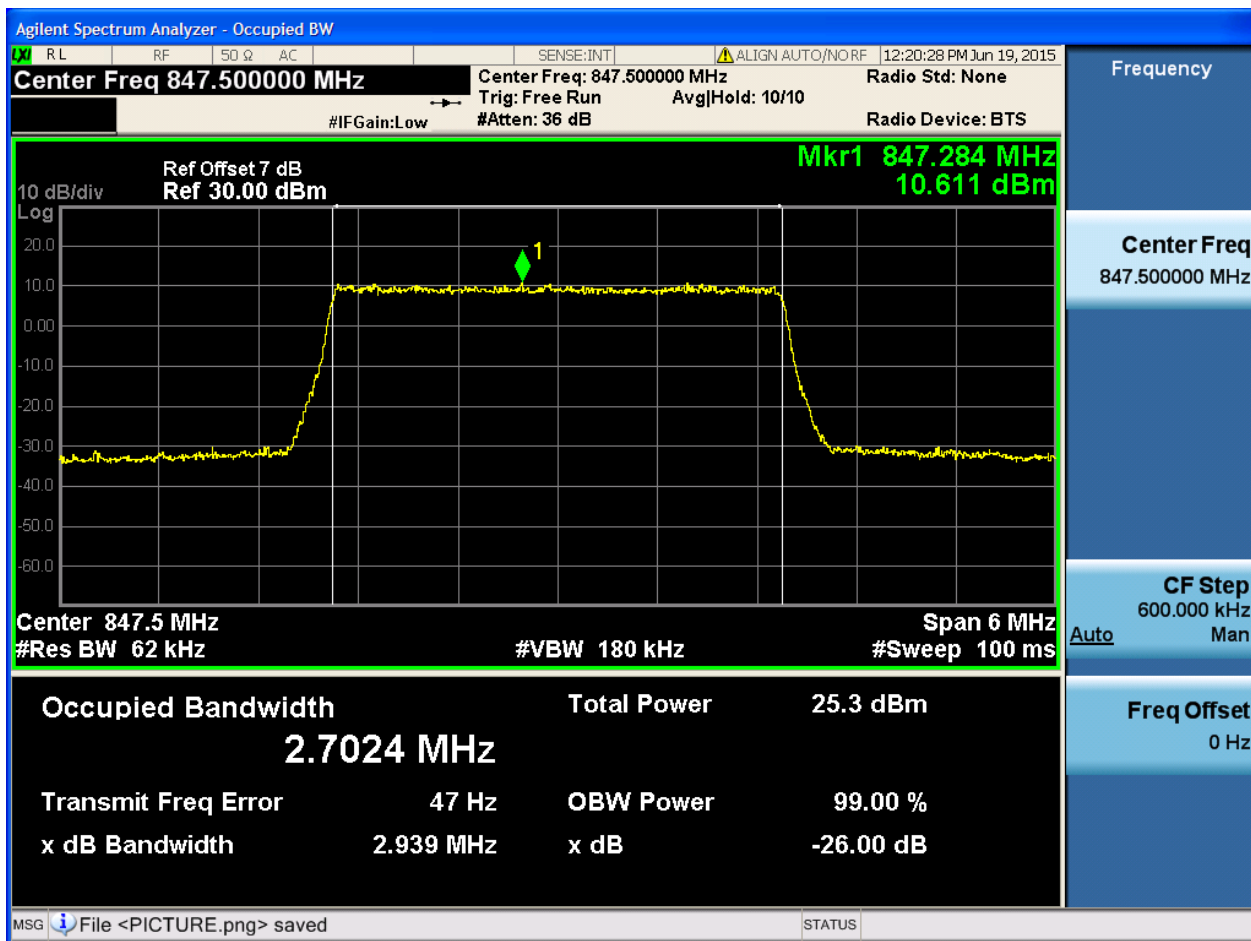
4.1.2.1. 2.2.1 Test RB = RB15#0





4.1.2.1.2.3 Test Channel = HCH

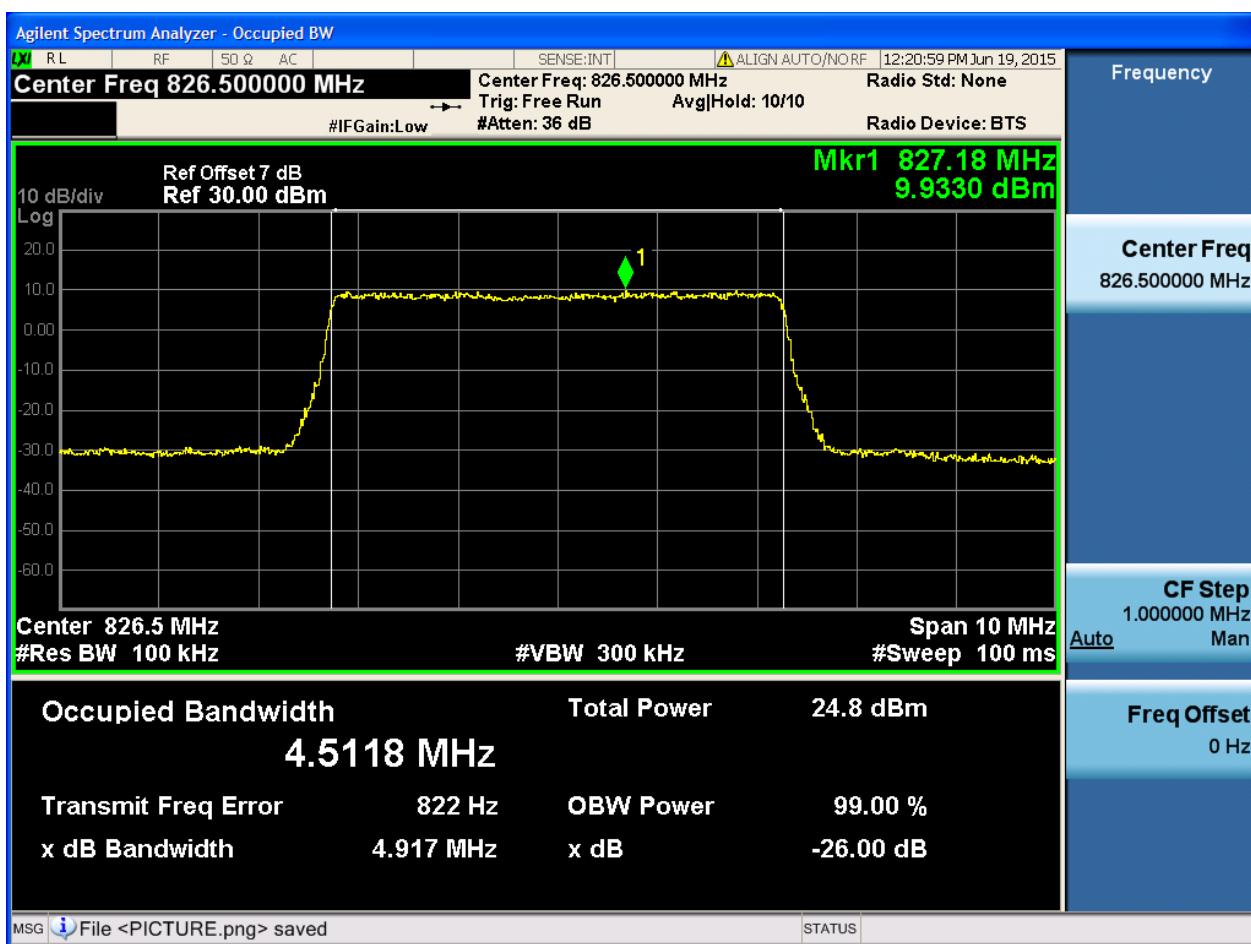
4.1.2.1.2.3.1 Test RB = RB15#0



4.1.2.1.3 Test Bandwidth = 5

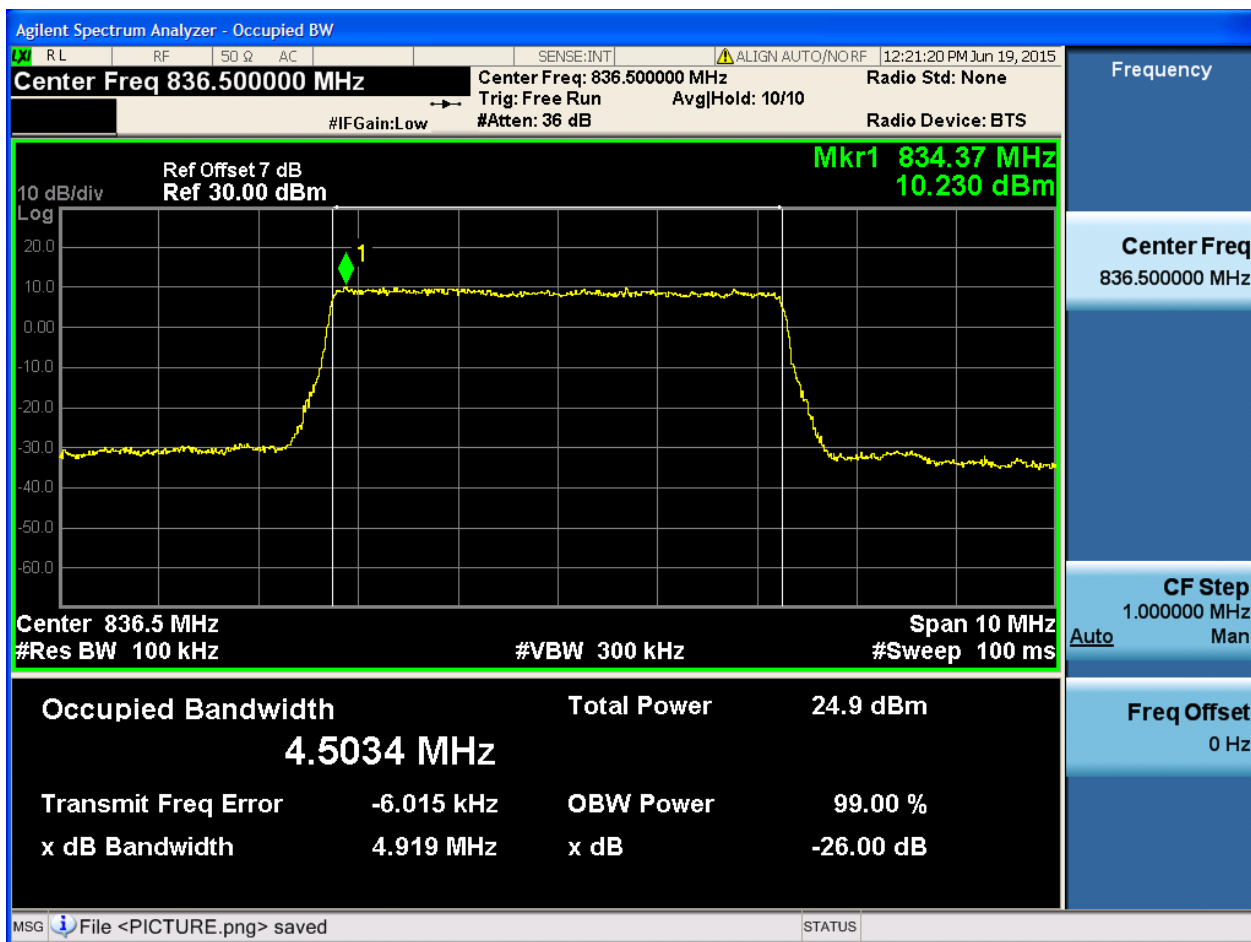
4.1.2.1.3.1 Test Channel = LCH

4.1.2.1.3.1.1 Test RB = RB25#0



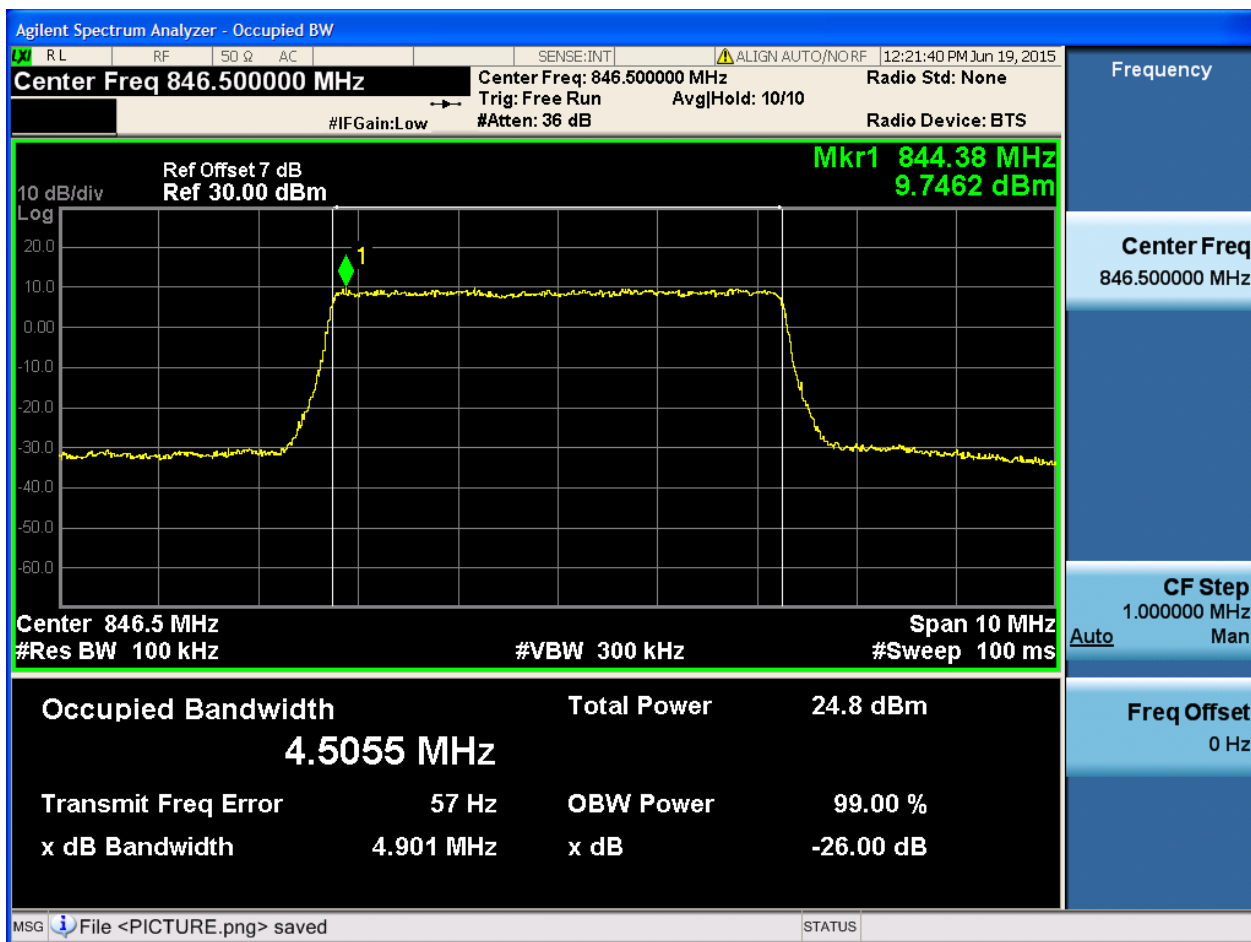
4.1.2.1.3.2 Test Channel = MCH

4.1.2.1.3.2.1 Test RB = RB25#0



4.1.2.1.3.2 Test Channel = HCH

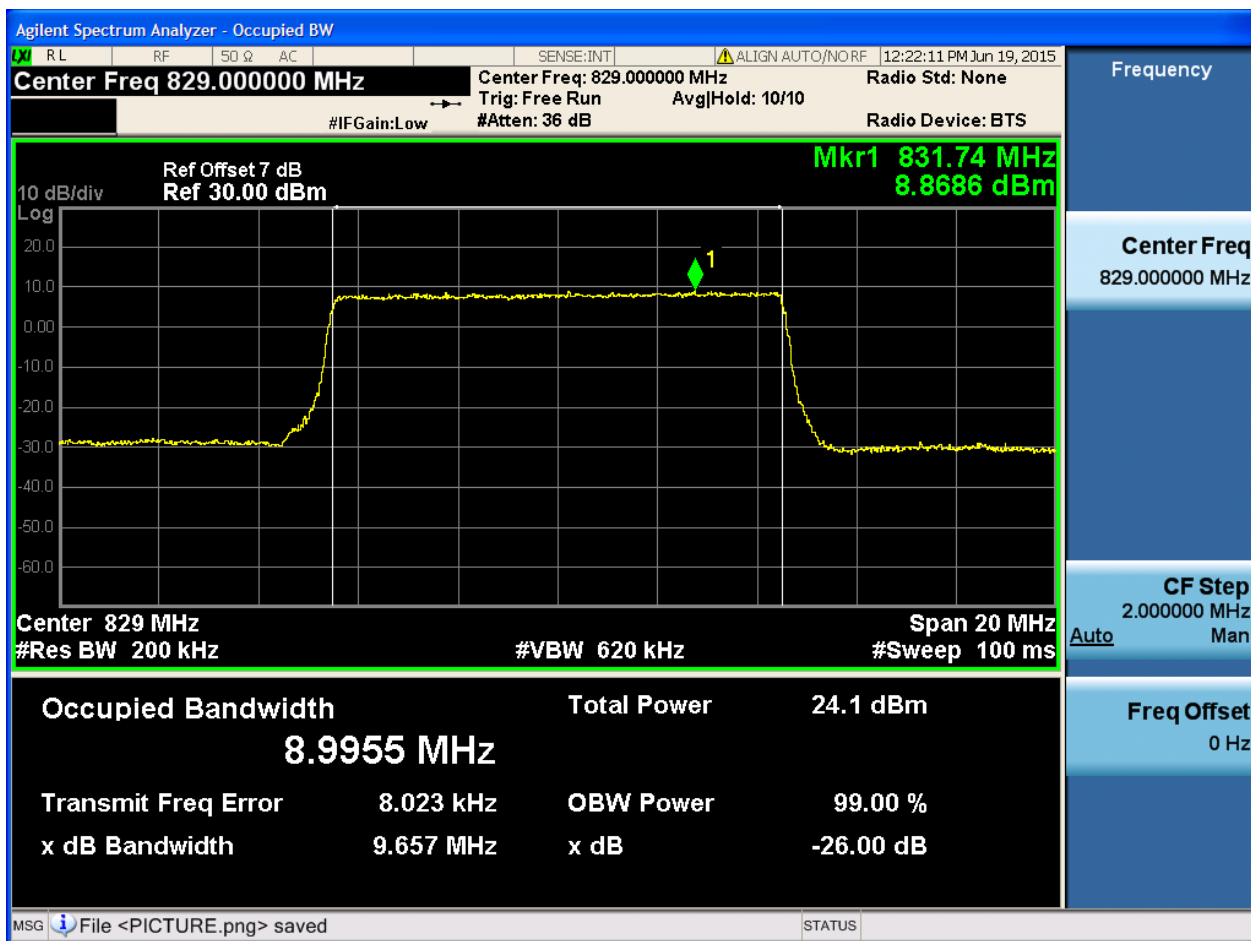
4.1.2.1.3.2.1 Test RB = RB25#0



4.1.2.1.4 Test Bandwidth = 10

4.1.2.1.4.1 Test Channel = LCH

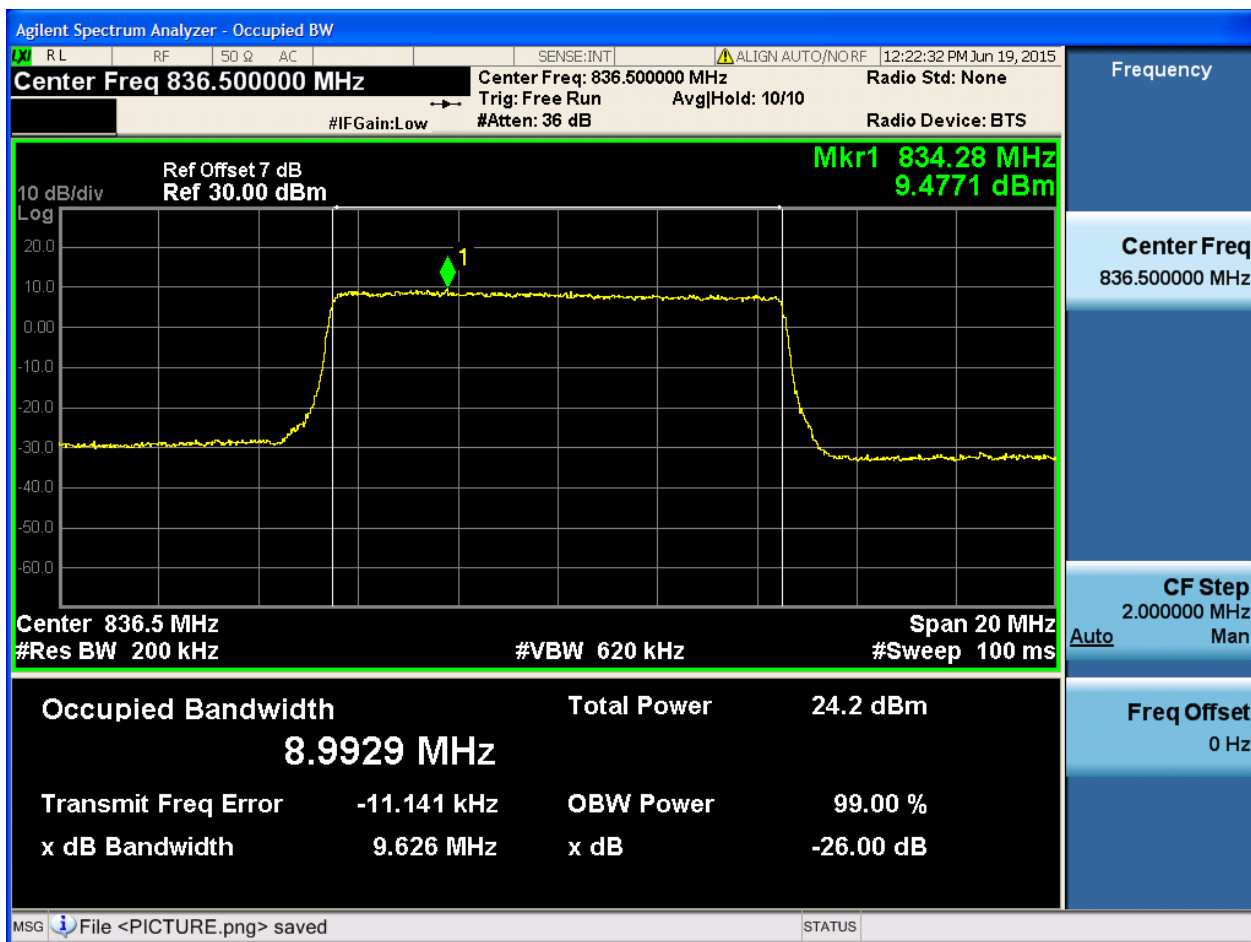
4.1.2.1.4.1.1 Test RB = RB50#0





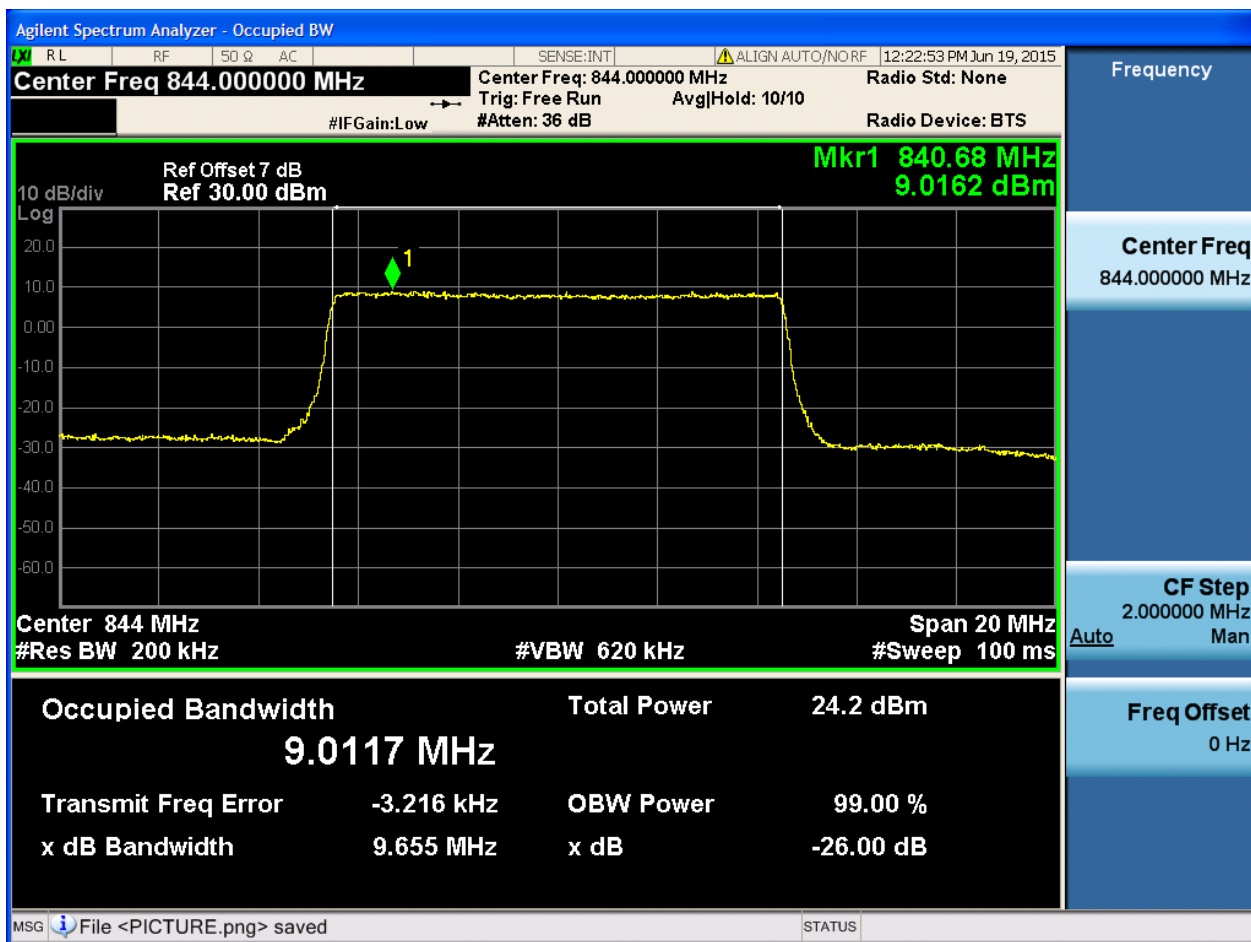
4.1.2.1.4.1 Test Channel = MCH

4.1.2.1.4.1.1 Test RB = RB50#0



4.1.2.1.4.1 Test Channel = HCH

4.1.2.1.4.1.1 Test RB = RB50#0

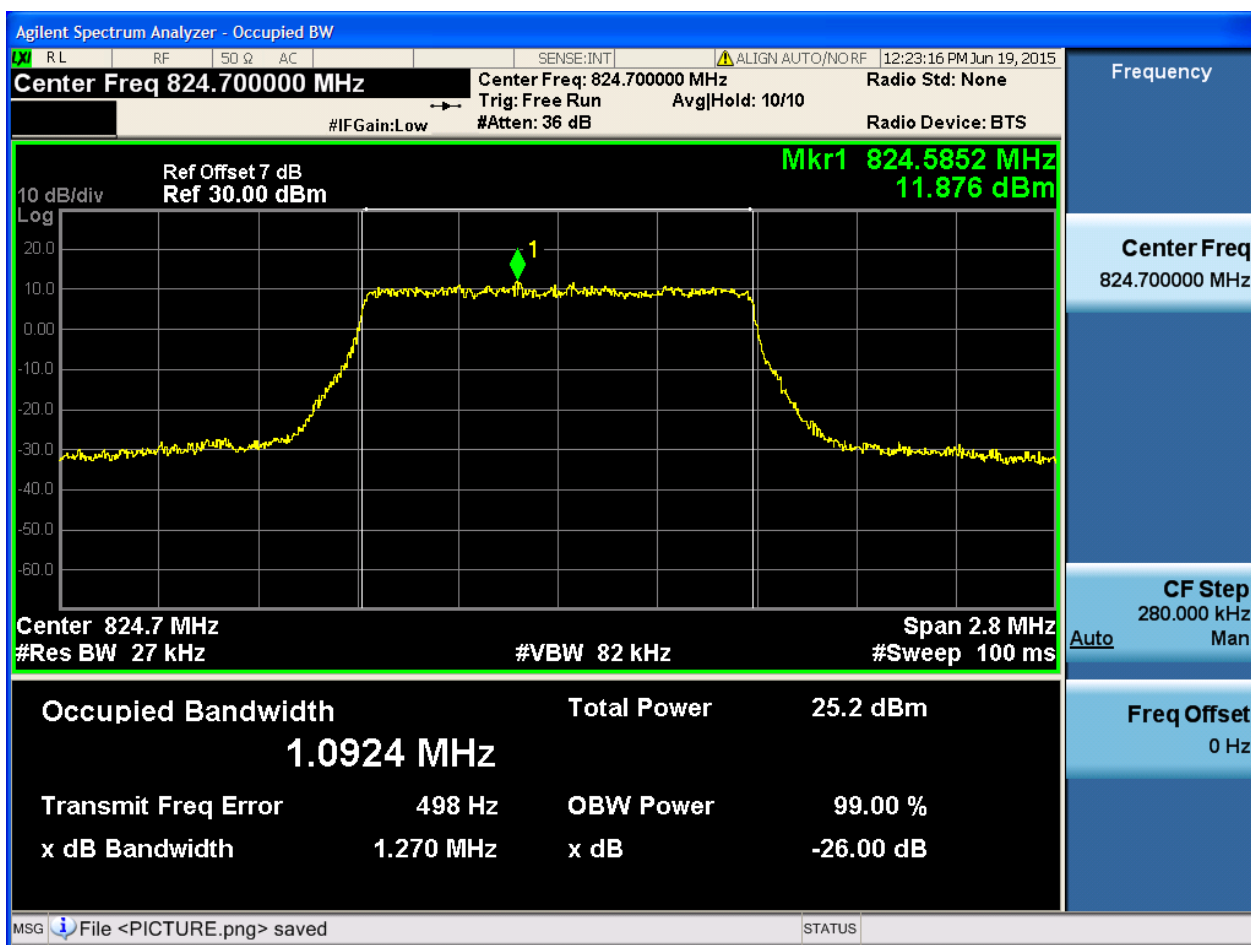


4.1.2.2 Test Mode = LTE/TM2

4.1.2.2.1 Test Bandwidth = 1.4

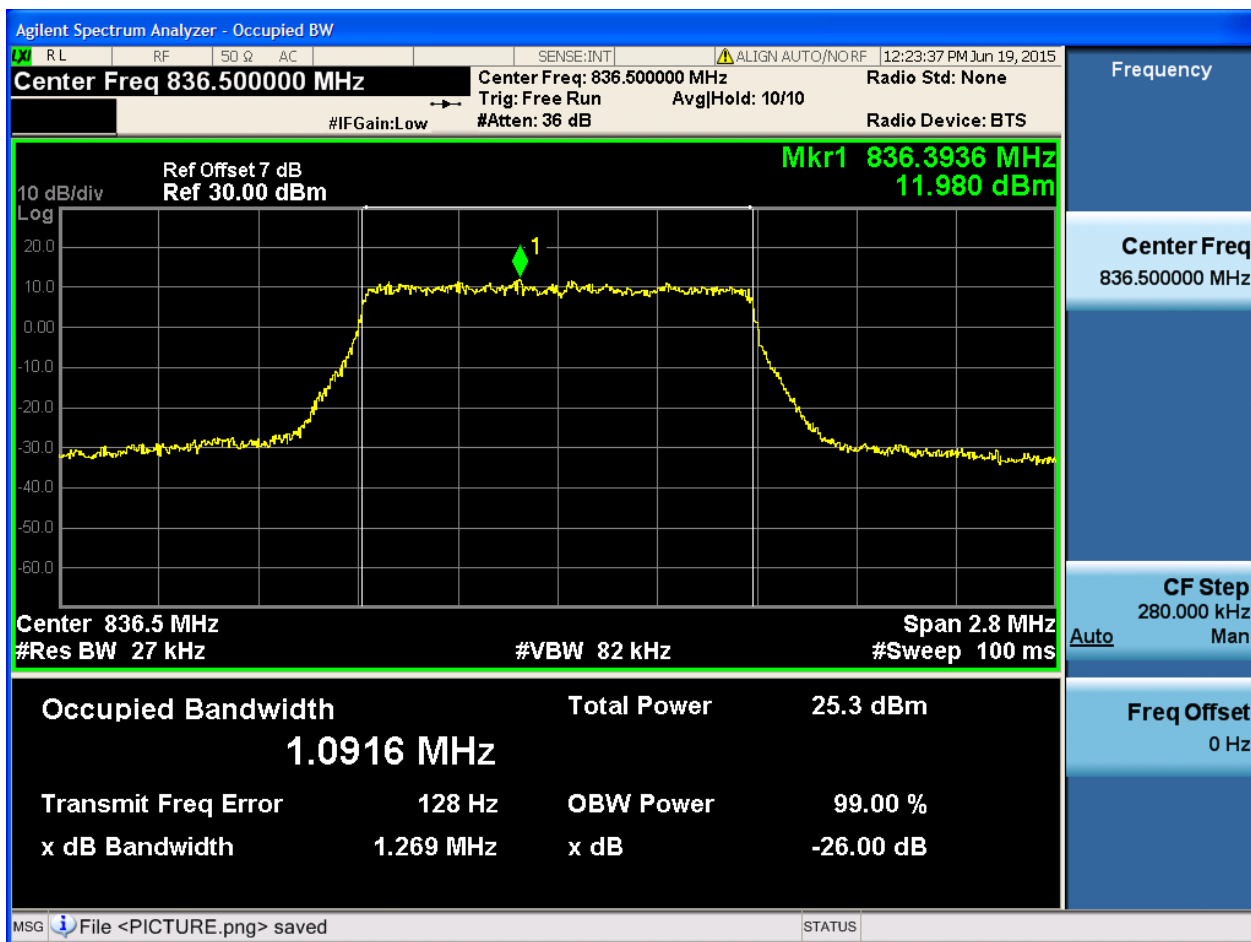
4.1.2.2.1.1 Test Channel = LCH

4.1.2.2.1.1.1 Test RB = RB6#0



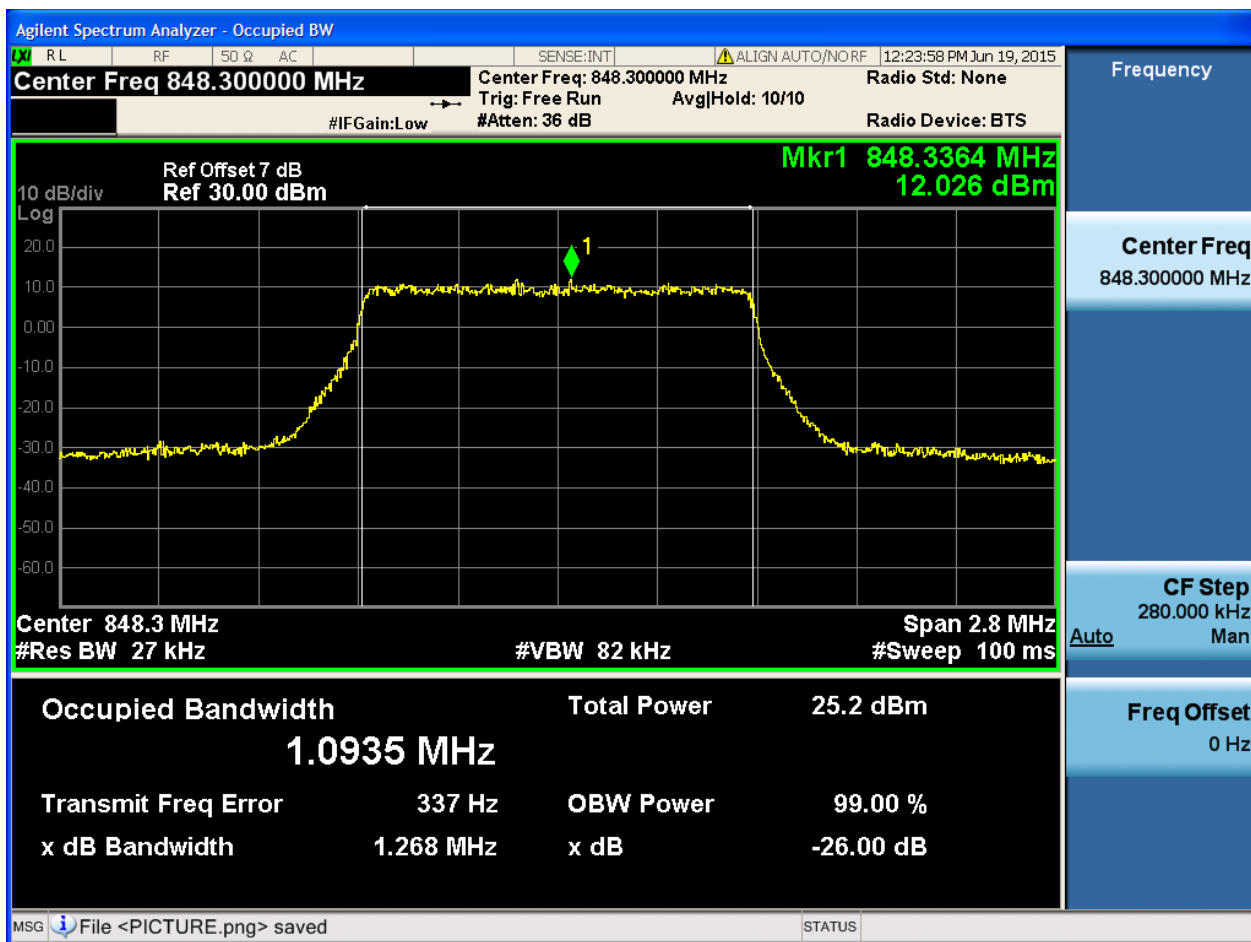
4.1.2.2.1.2 Test Channel = MCH

4.1.2.2.1.2.1 Test RB = RB6#0



4.1.2.2.1.3 Test Channel = HCH

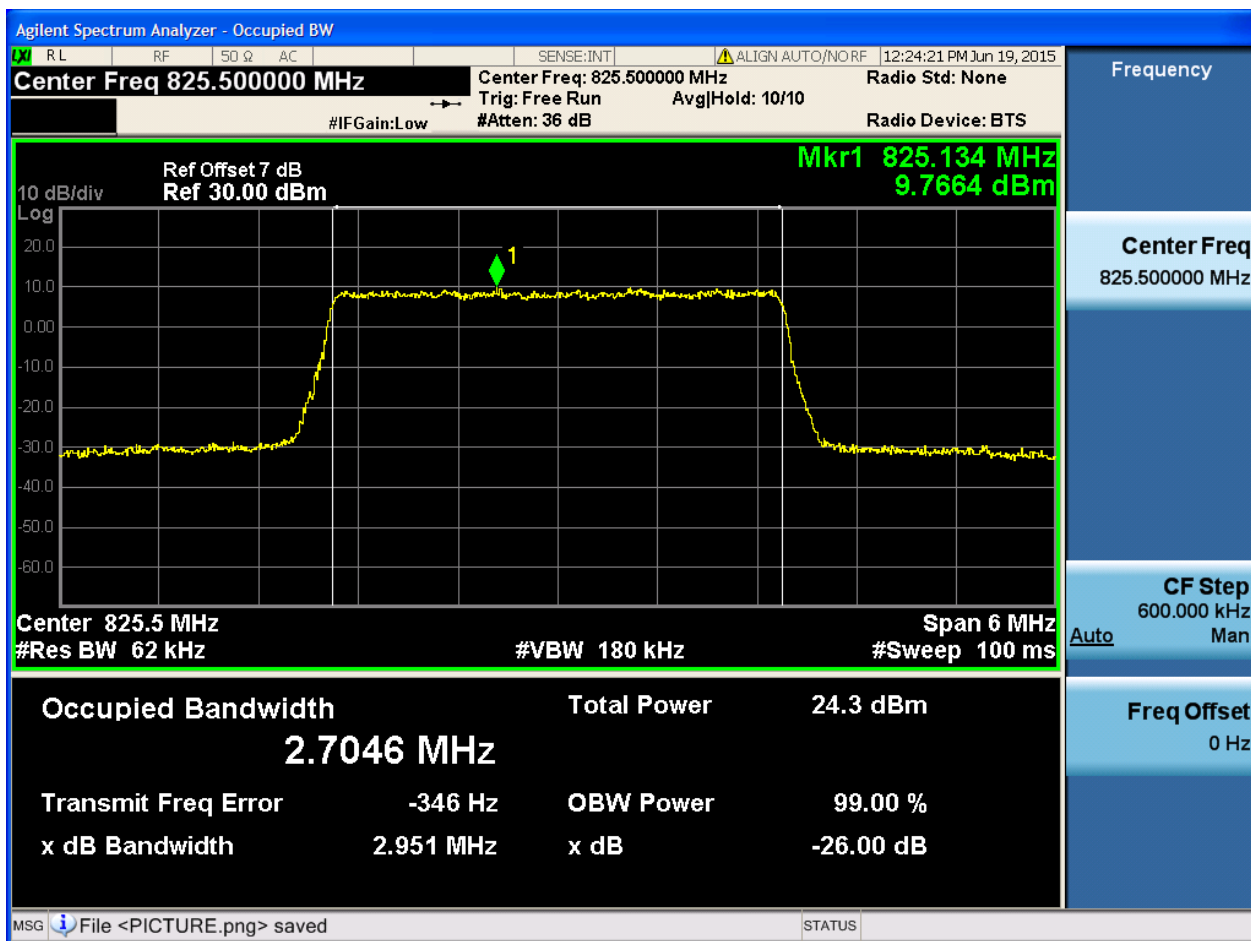
4.1.2.2.1.3.1 Test RB = RB6#0



4.1.2.2.1 Test Bandwidth = 3

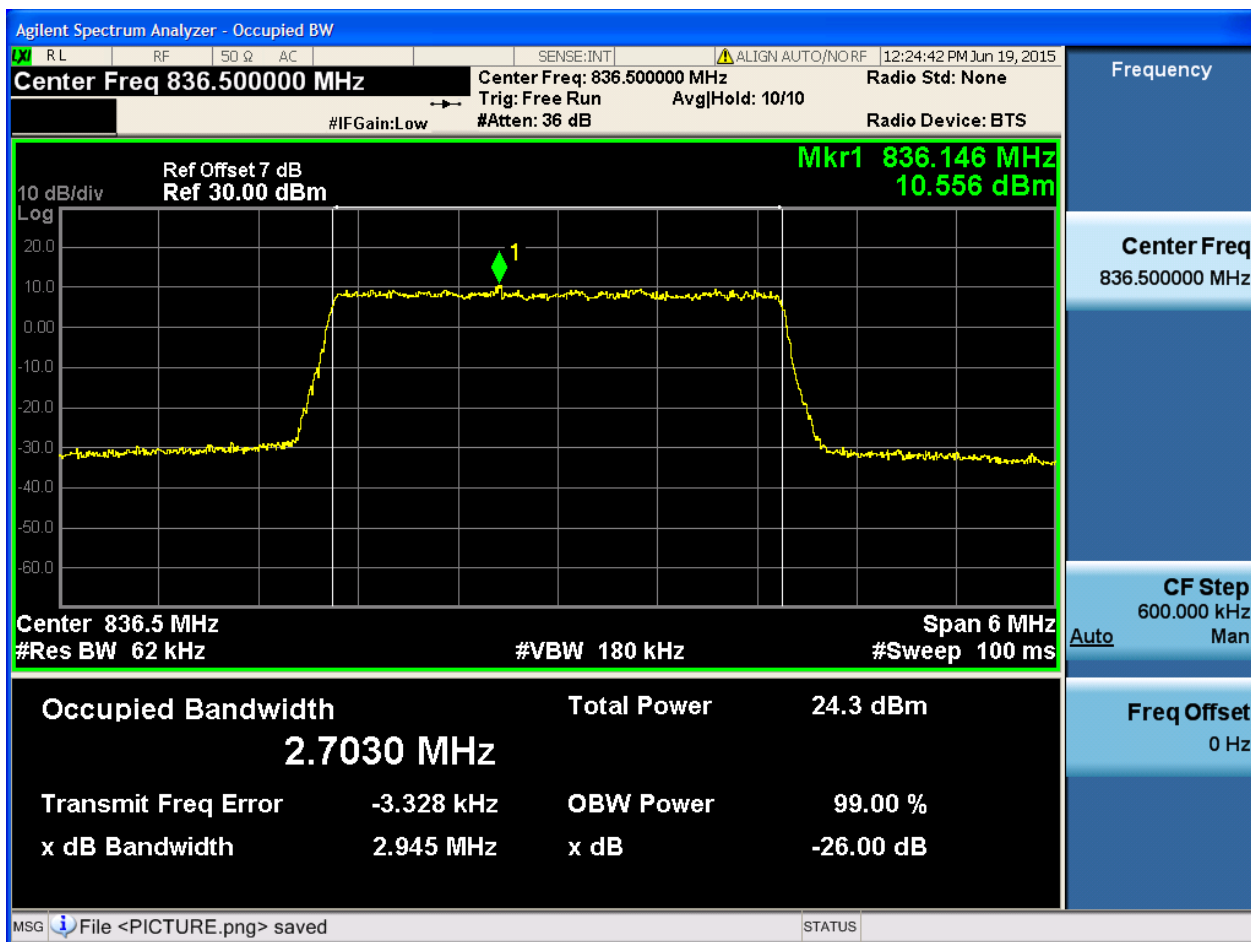
4.1.2.2.1.1 Test Channel = LCH

4.1.2.2.1.1.1 Test RB = RB15#0



4.1.2.2.1.2 Test Channel = MCH

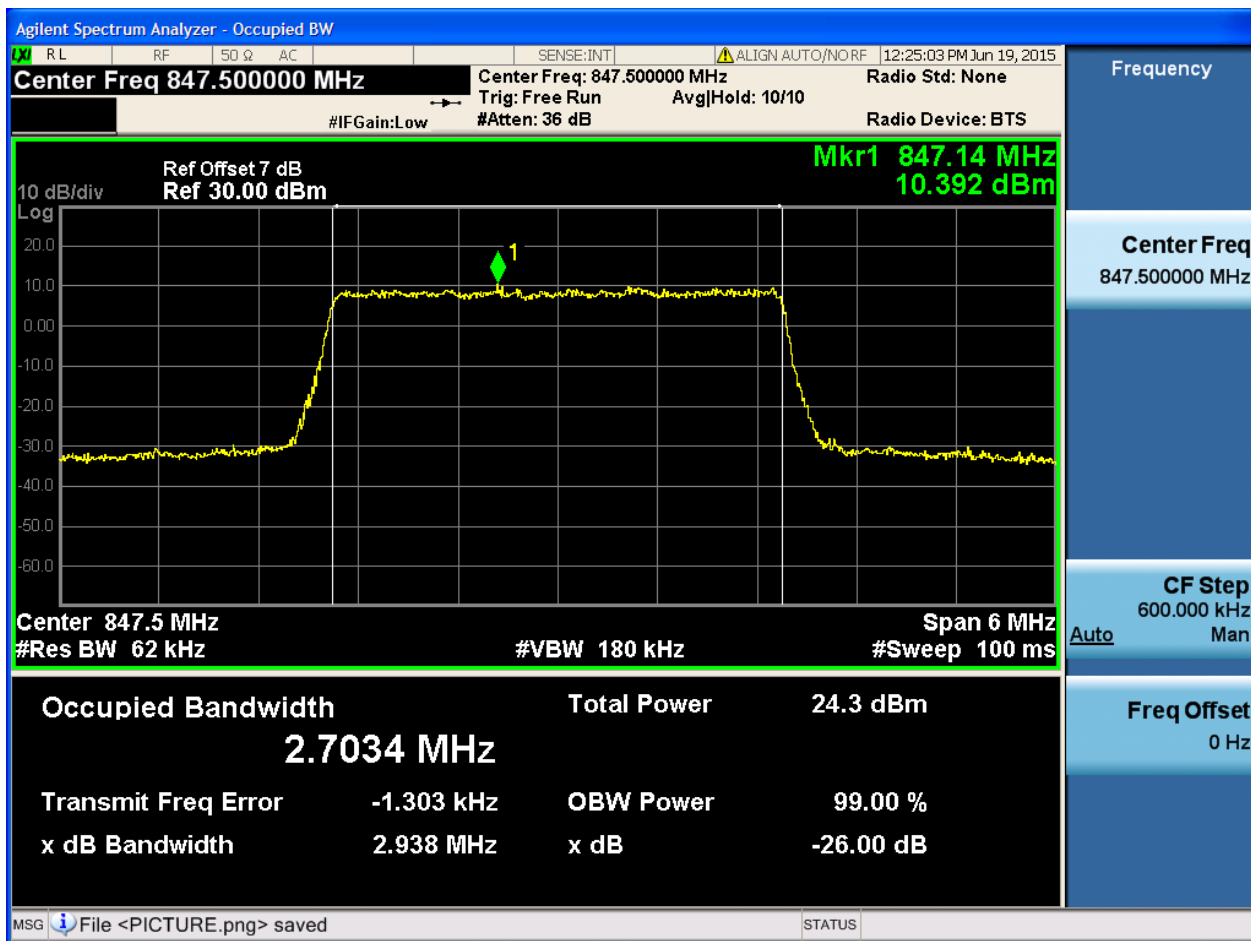
4.1.2.2.1.2.1 Test RB = RB15#0





4.1.2.2.1.3 Test Channel = HCH

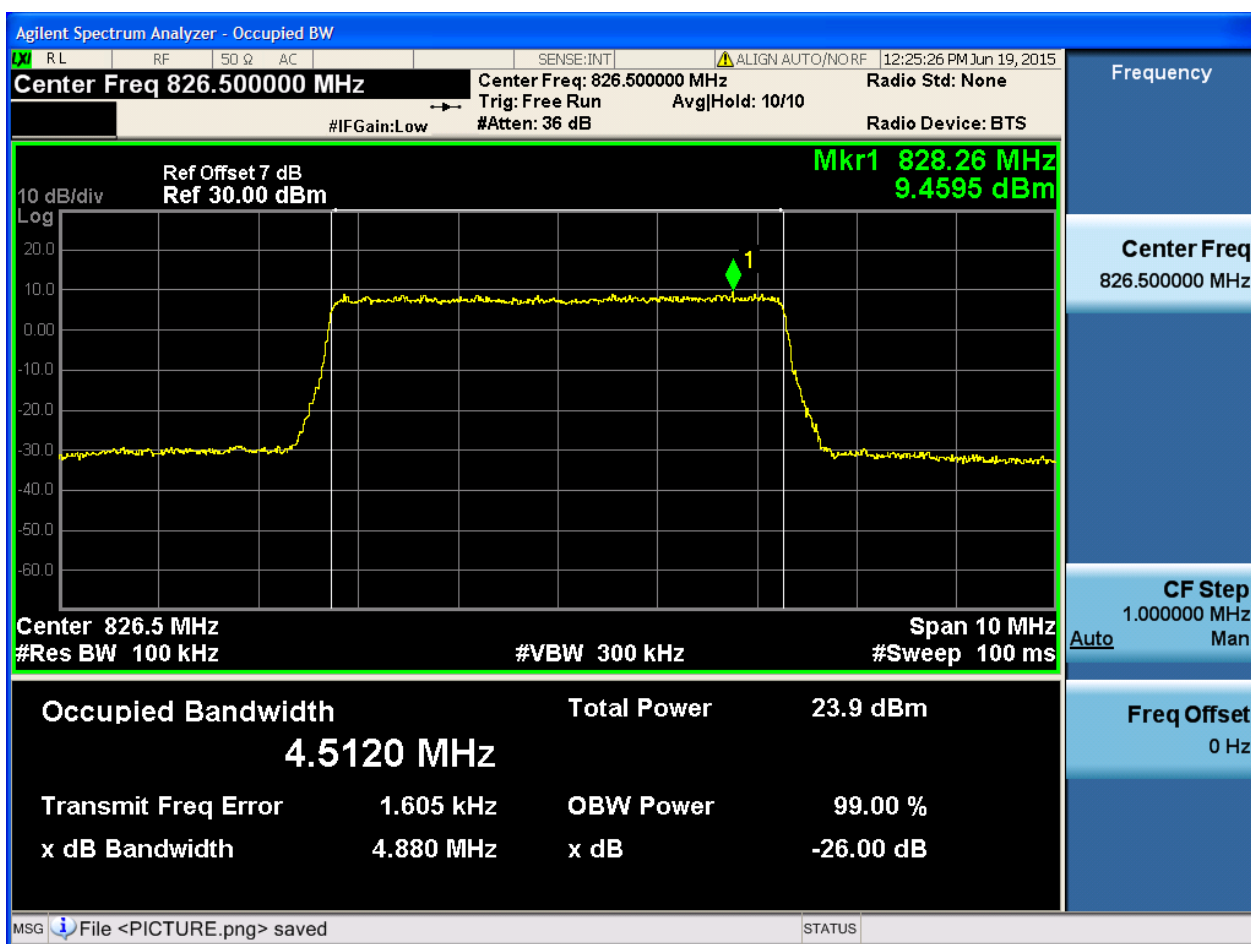
4.1.2.2.1.3.1 Test RB = RB15#0



4.1.2.2.1 Test Bandwidth = 5

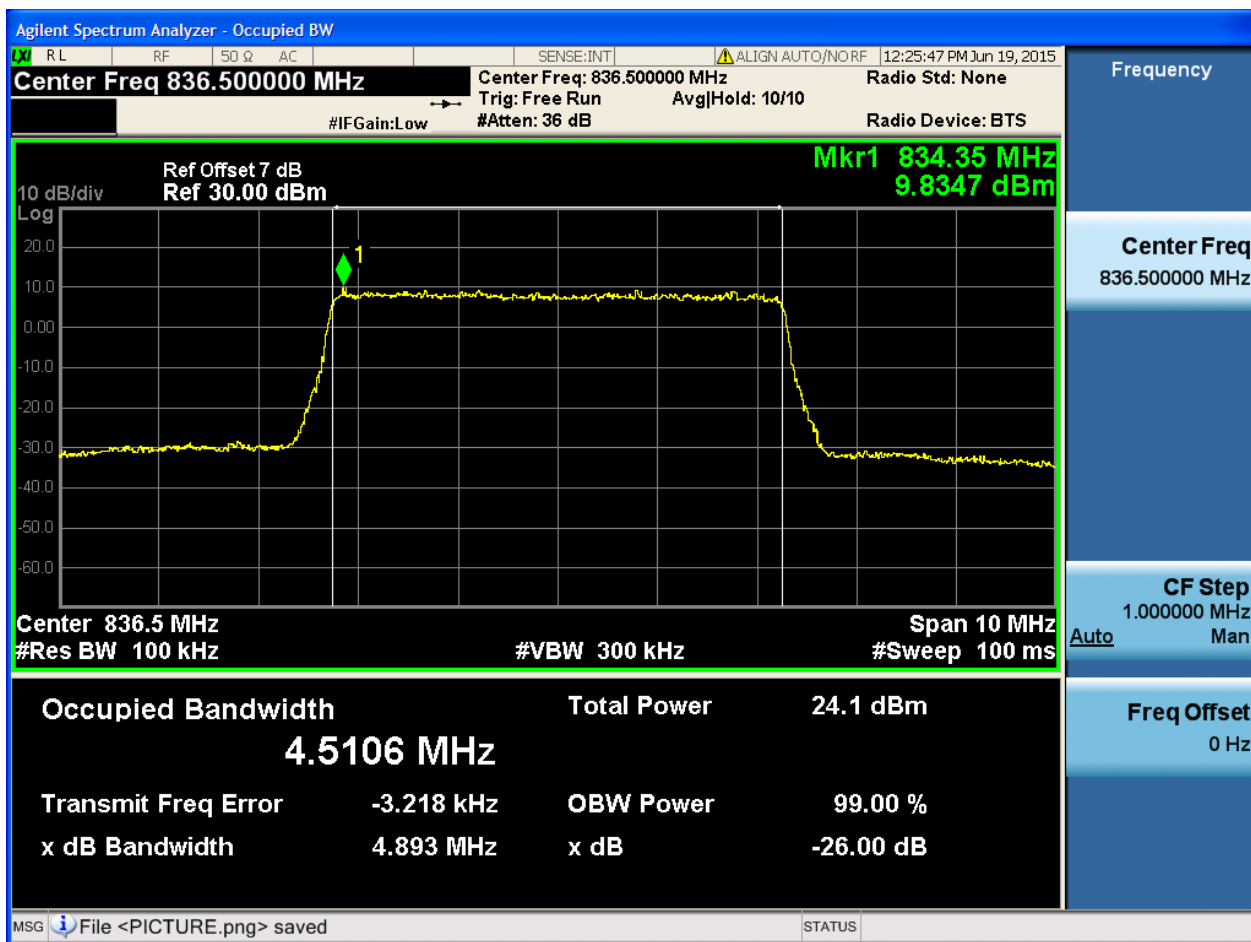
4.1.2.2.1.1 Test Channel = LCH

4.1.2.2.1.1.1 Test RB = RB25#0



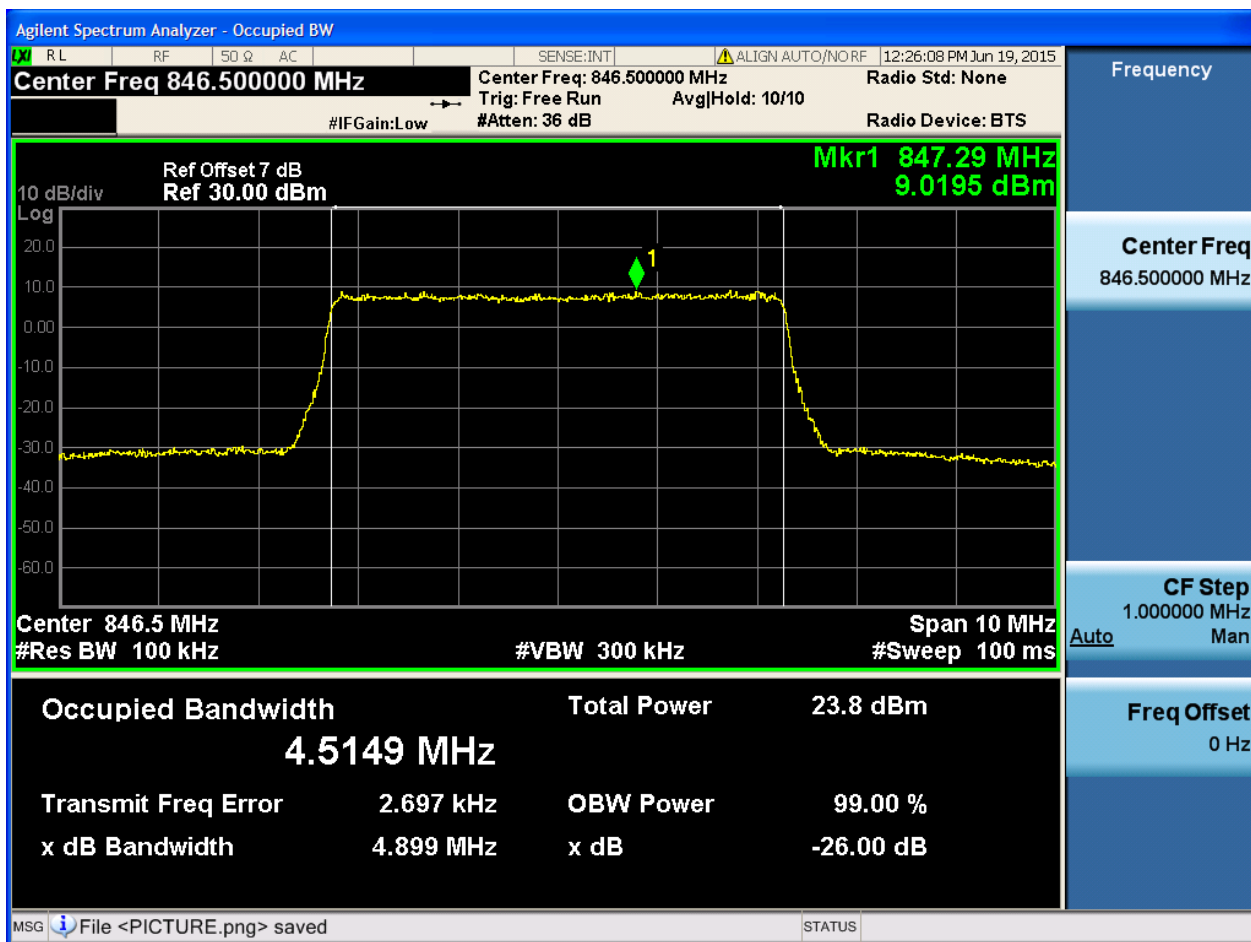
4.1.2.2.1.2 Test Channel = MCH

4.1.2.2.1.2.1 Test RB = RB25#0



4.1.2.2.1.3 Test Channel = HCH

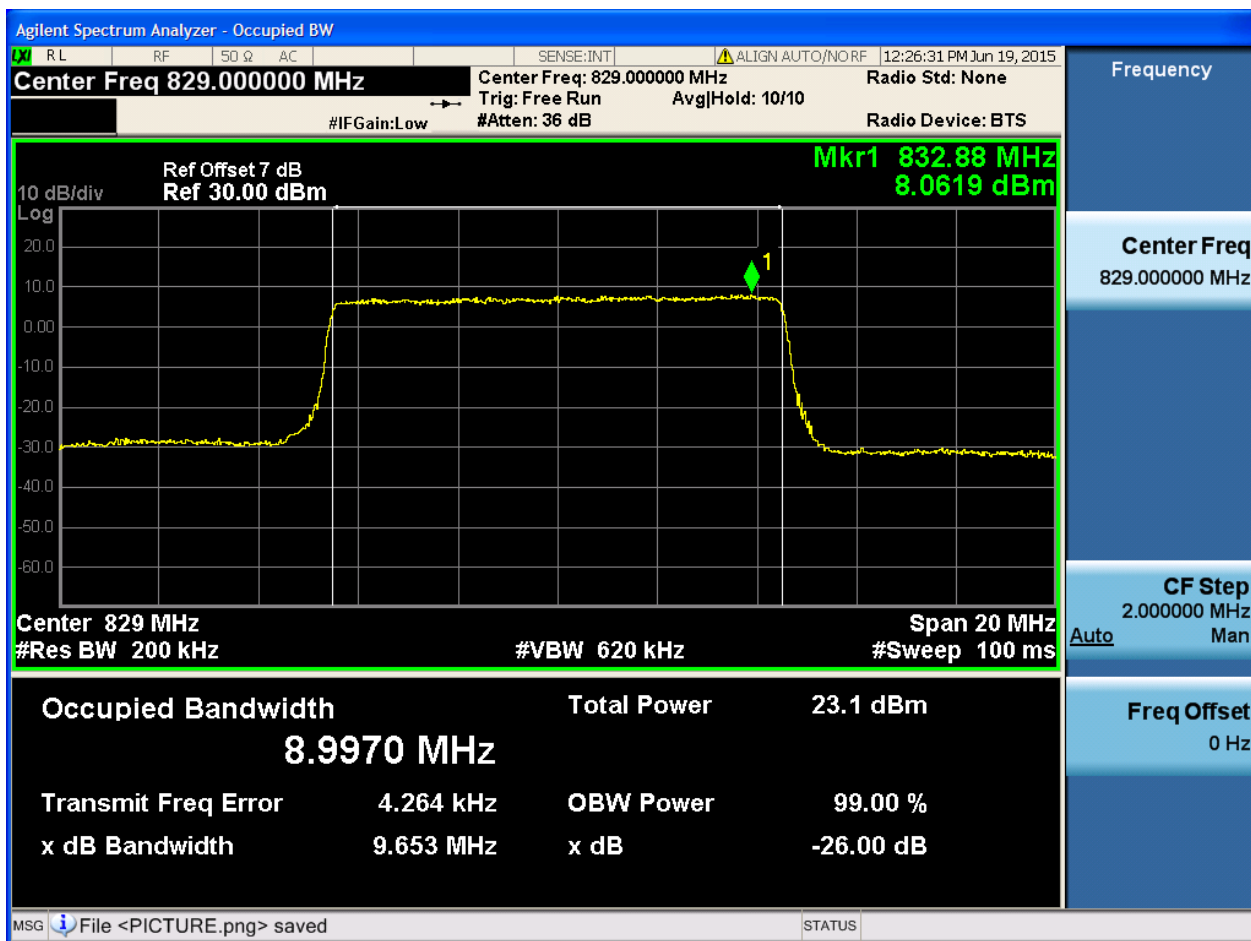
4.1.2.2.1.3.1 Test RB = RB25#0



4.1.2.2.1 Test Bandwidth = 10

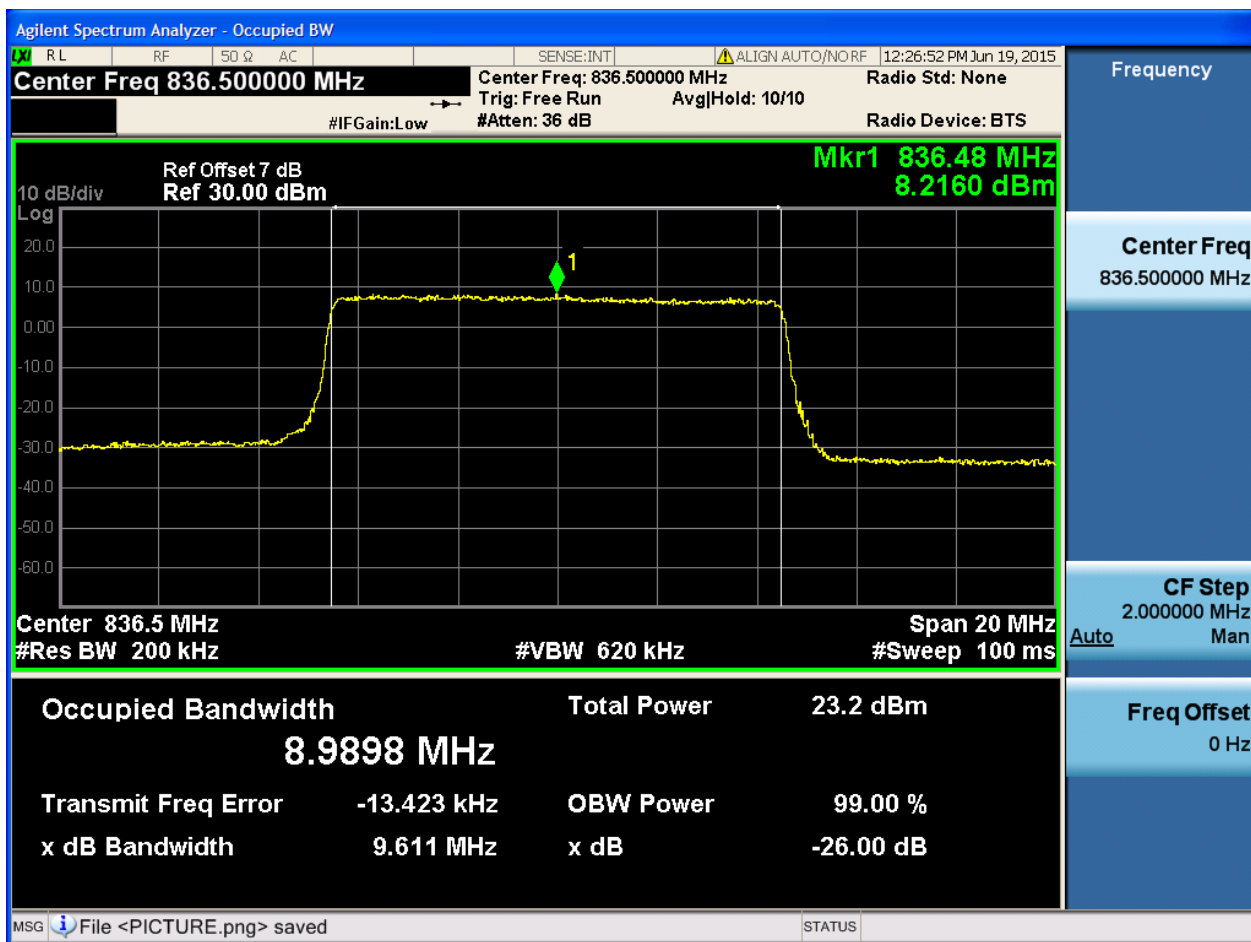
4.1.2.2.1.1 Test Channel = LCH

4.1.2.2.1.1.1 Test RB = RB50#0



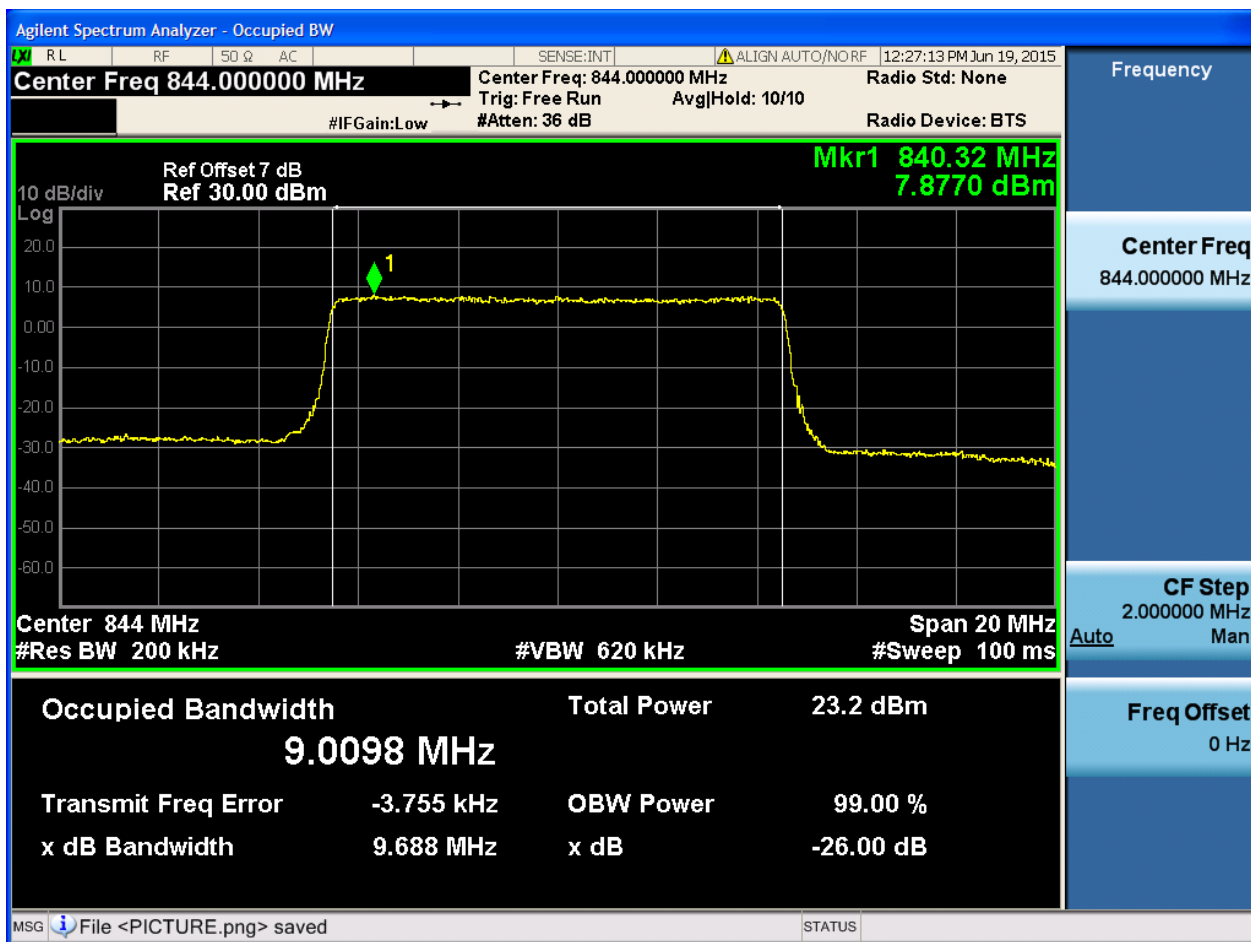
4.1.2.2.1.2 Test Channel = MCH

4.1.2.2.1.2.1 Test RB = RB50#0



4.1.2.2.1.3 Test Channel = HCH

4.1.2.2.1.3.1 Test RB = RB50#0



5Appendix_E: Band Edges Compliance

Part I - Test Plots

5.1 For LTE

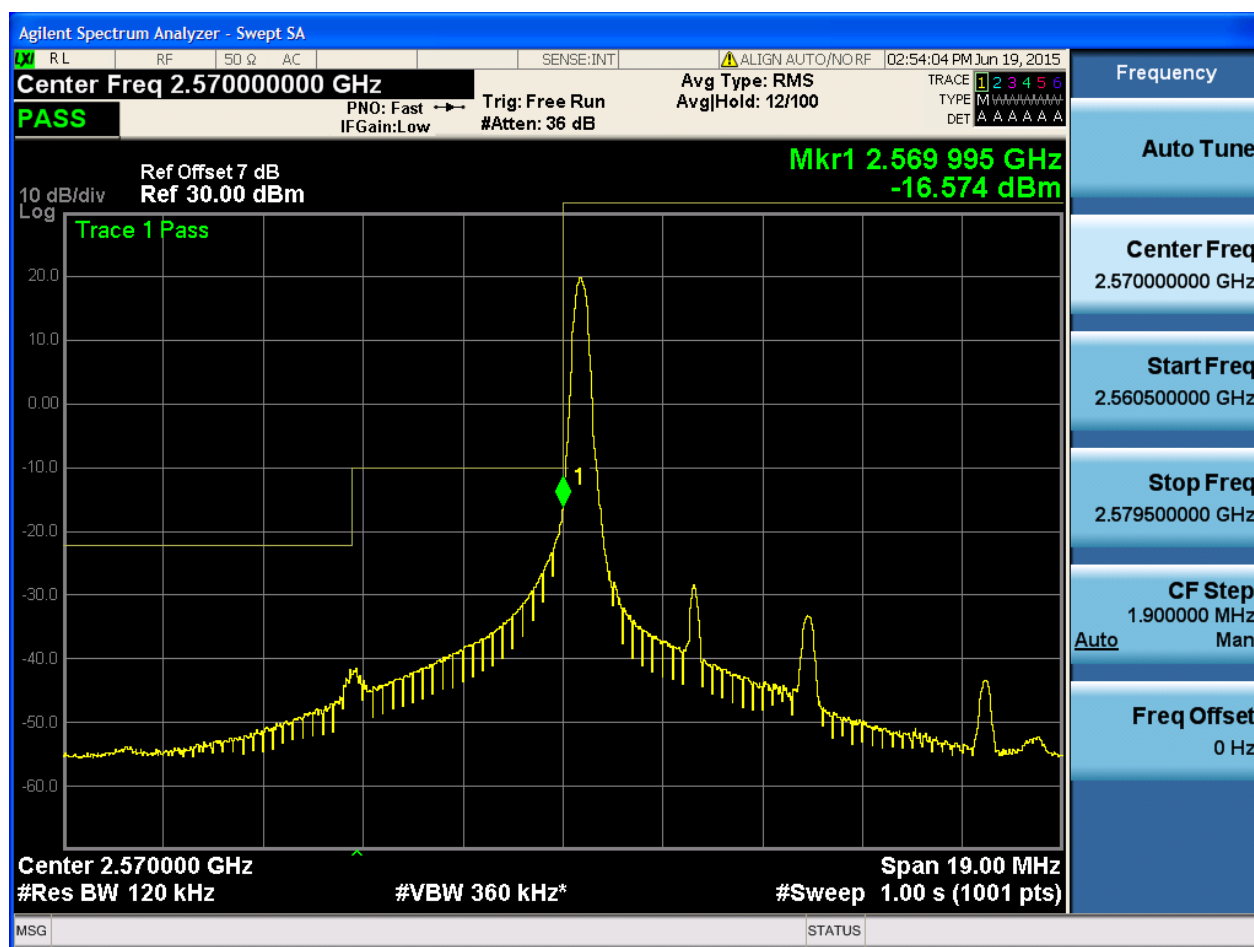
5.1.1 Test Band = BAND38

5.1.1.1 Test Mode = LTE/TM1

5.1.1.1.1 Test Bandwidth = 5

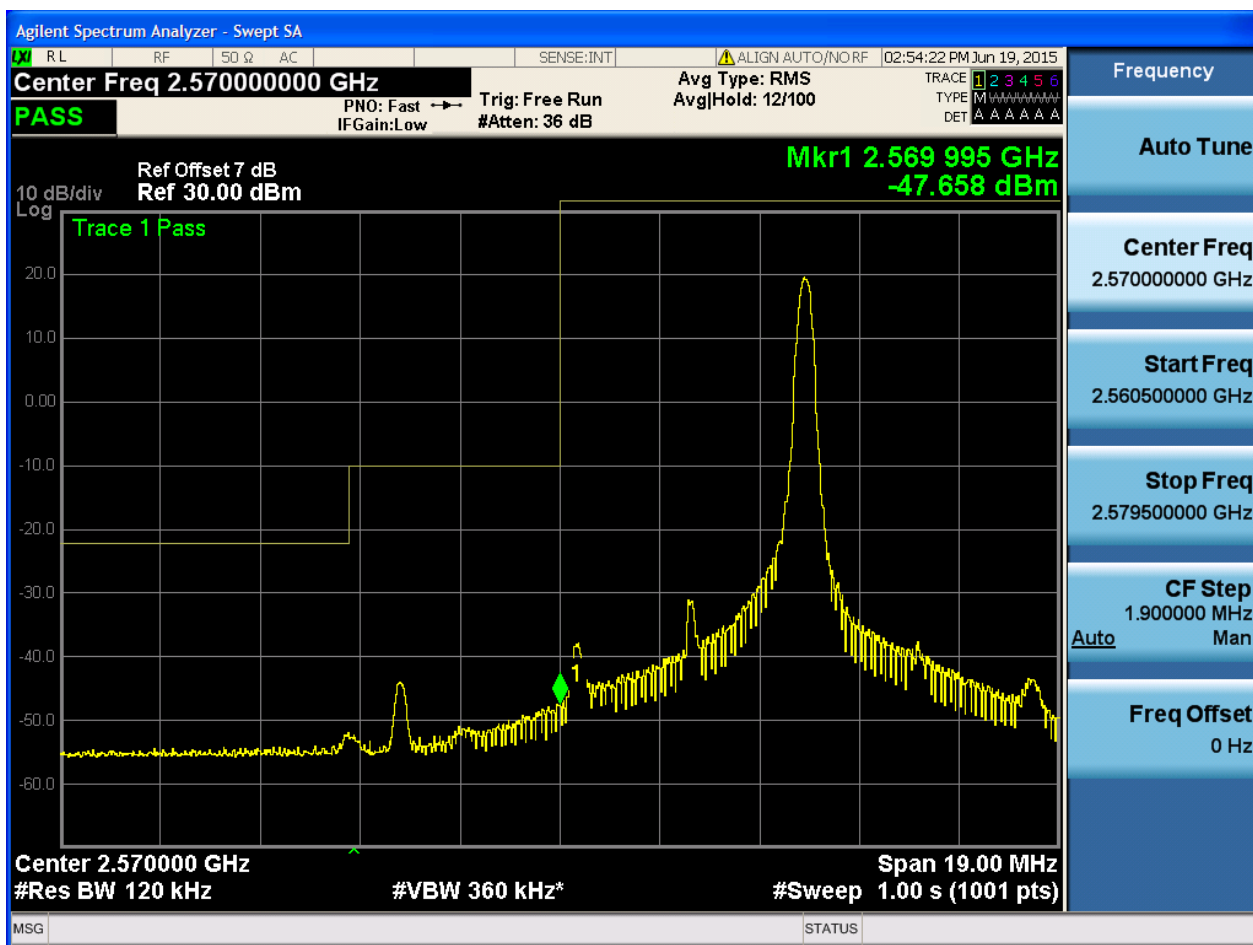
5.1.1.1.1.1 Test Channel = LCH

5.1.1.1.1.1.1 Test RB = RB1#0



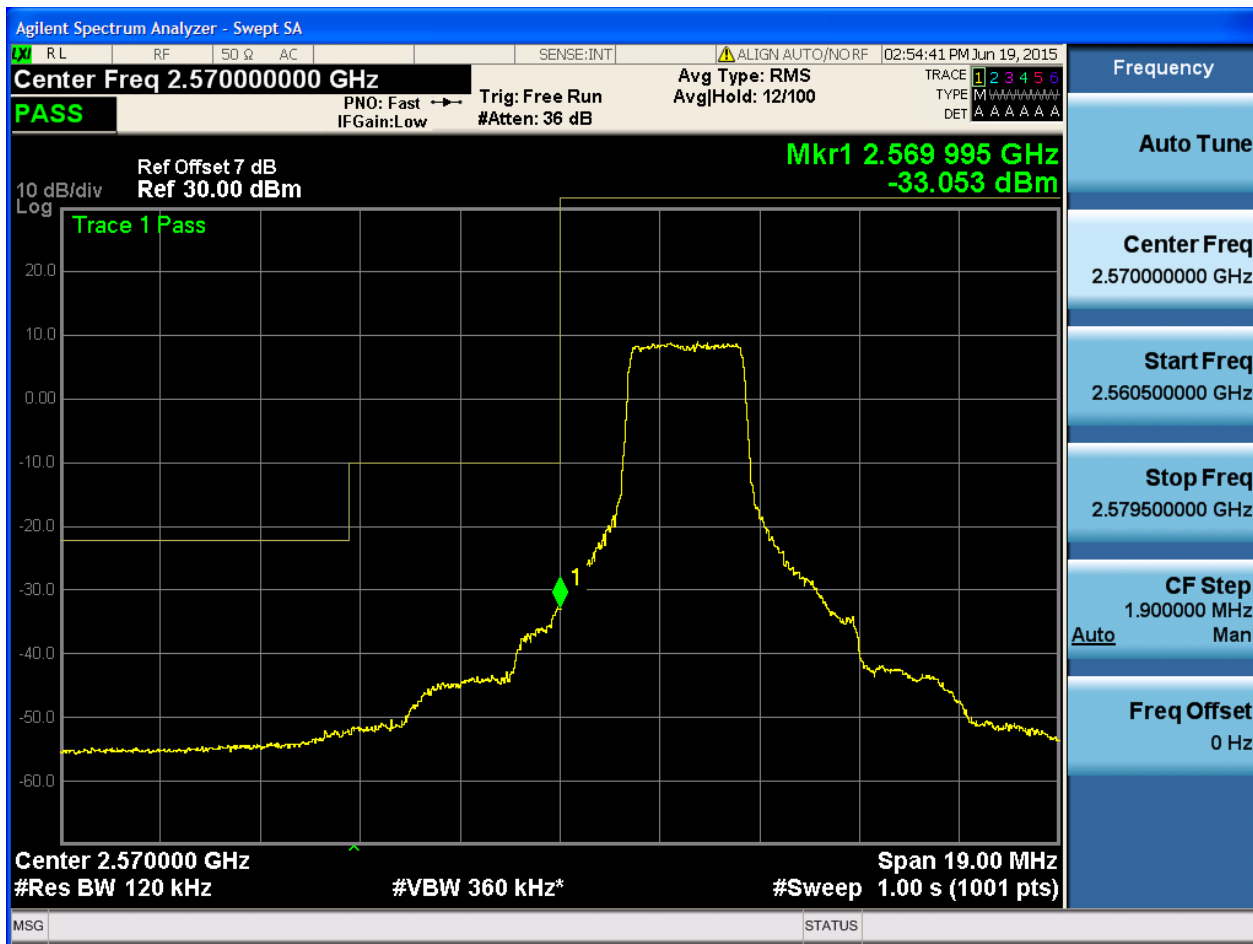


5.1.1.1.1.2 Test RB = RB1#24





5.1.1.1.1.3 Test RB = RB12#6





5.1.1.1.1.4 Test RB = RB25#0



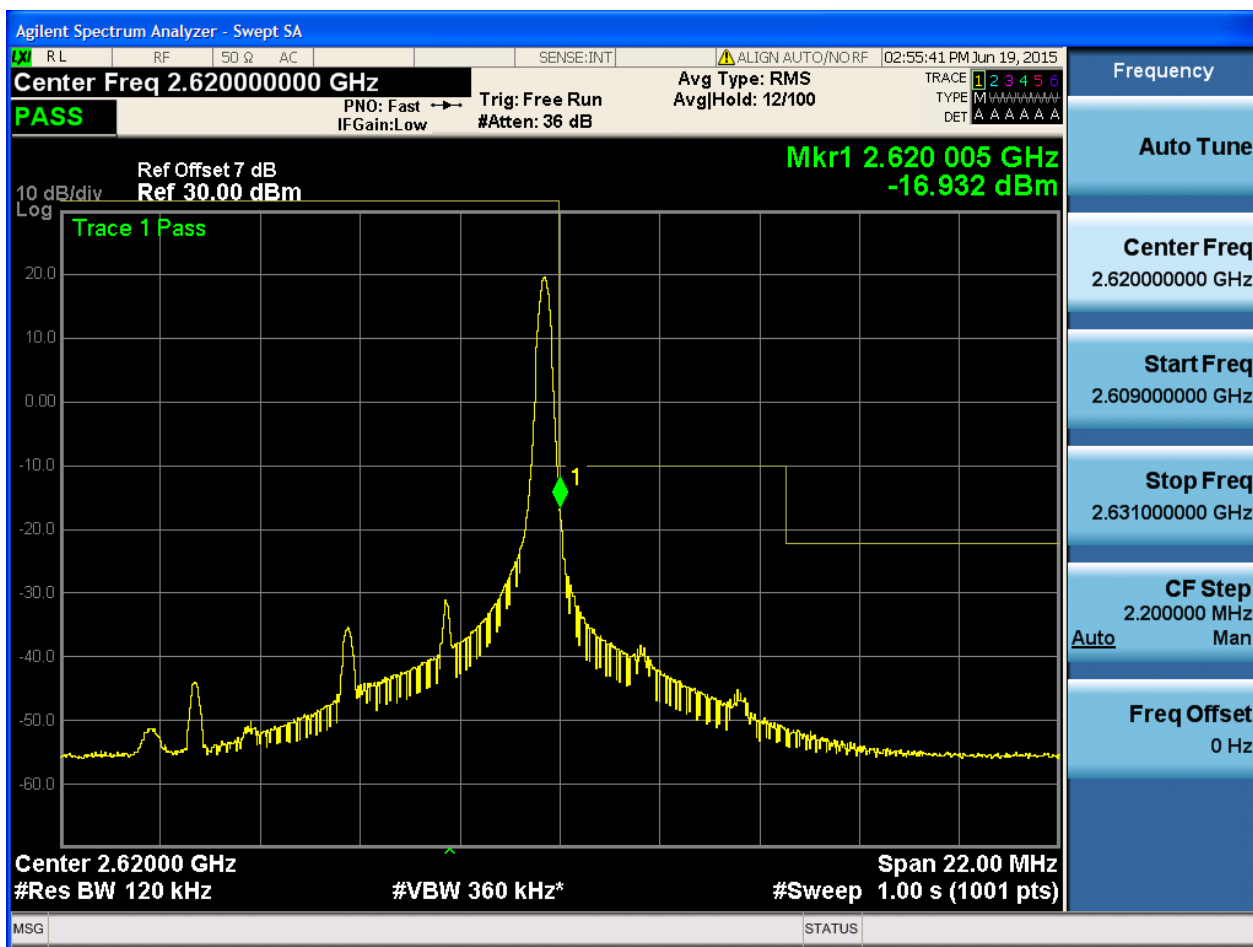
5.1.1.1.1.2 Test Channel = HCH

5.1.1.1.1.2.1 Test RB = RB1#0



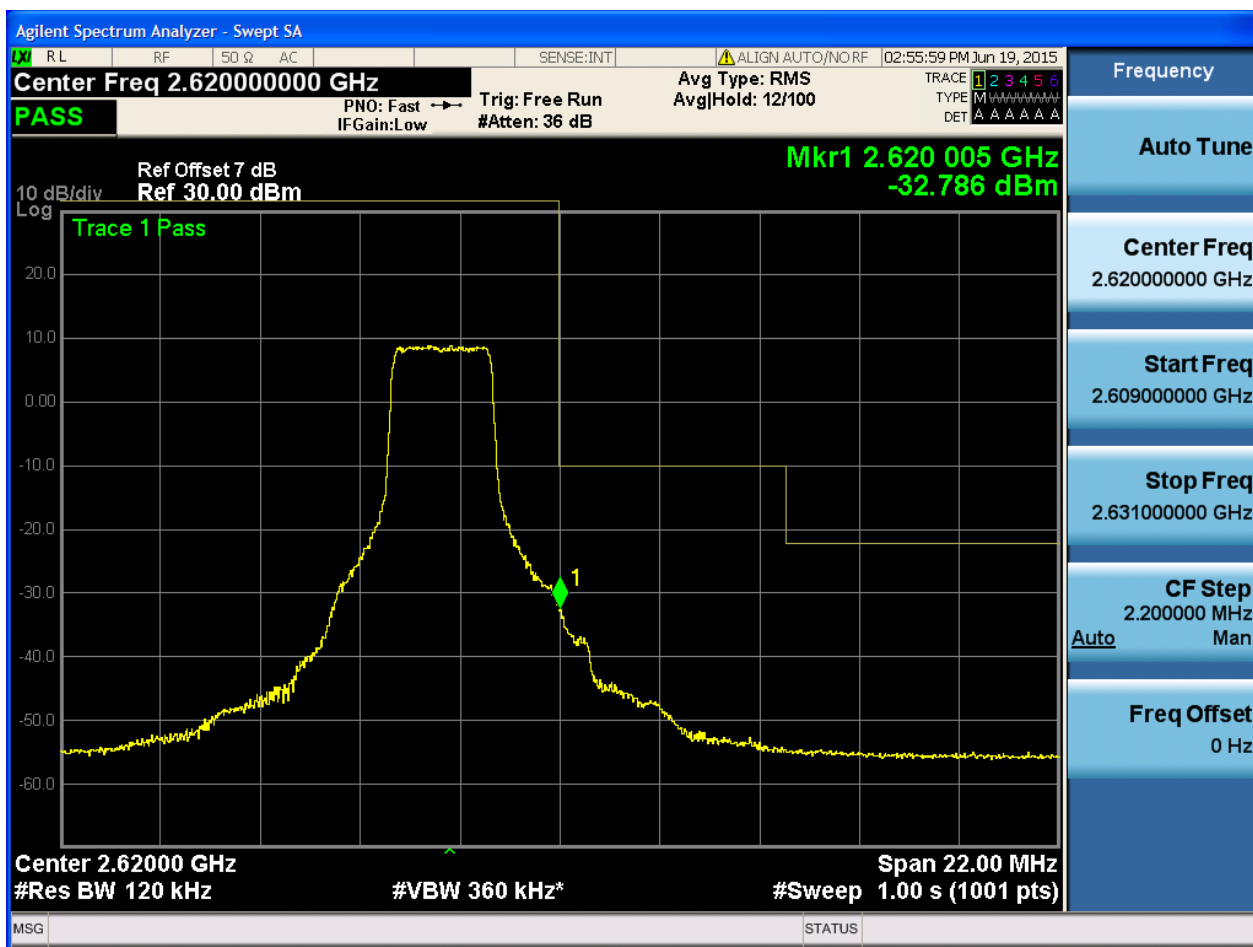


5.1.1.1.2.2 Test RB = RB1#24





5.1.1.1.2.3 Test RB = RB12#6





Agilent Spectrum Analyzer - Swept SA

Center Freq 2.62000000 GHz

PASS

Ref Offset 7 dB
Ref 30.00 dBm

Mkr1 2.620 005 GHz
-23.830 dBm

Trace 1 Pass

Center 2.62000 GHz
#Res BW 120 kHz
#VBW 360 kHz*

Span 22.00 MHz
#Sweep 1.00 s (1001 pts)

Frequency

Auto Tune

Center Freq
2.62000000 GHz

Start Freq
2.609000000 GHz

Stop Freq
2.631000000 GHz

CF Step
2.200000 MHz
Man

Auto

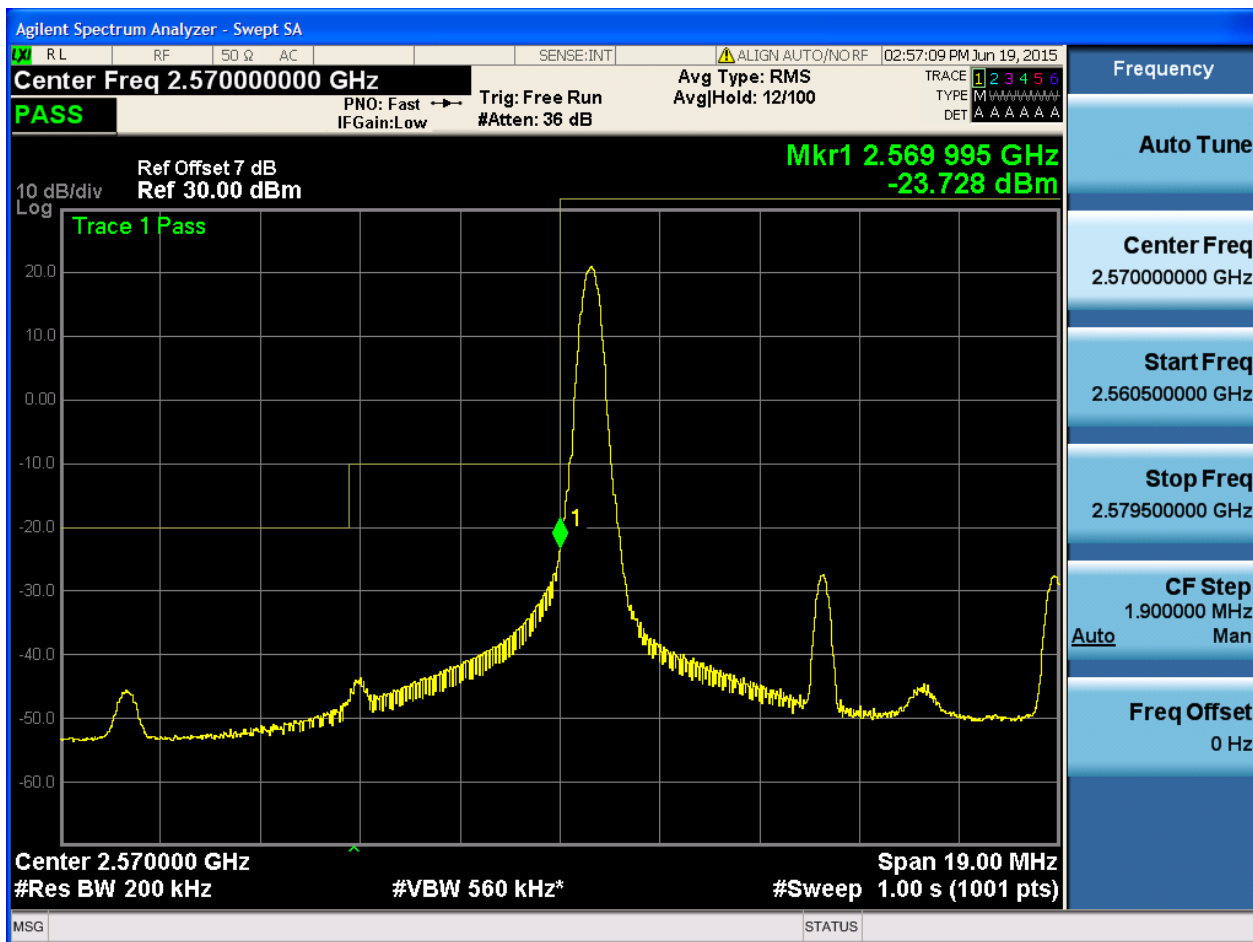
Freq Offset
0 Hz



5.1.1.1.2 Test Bandwidth = 10

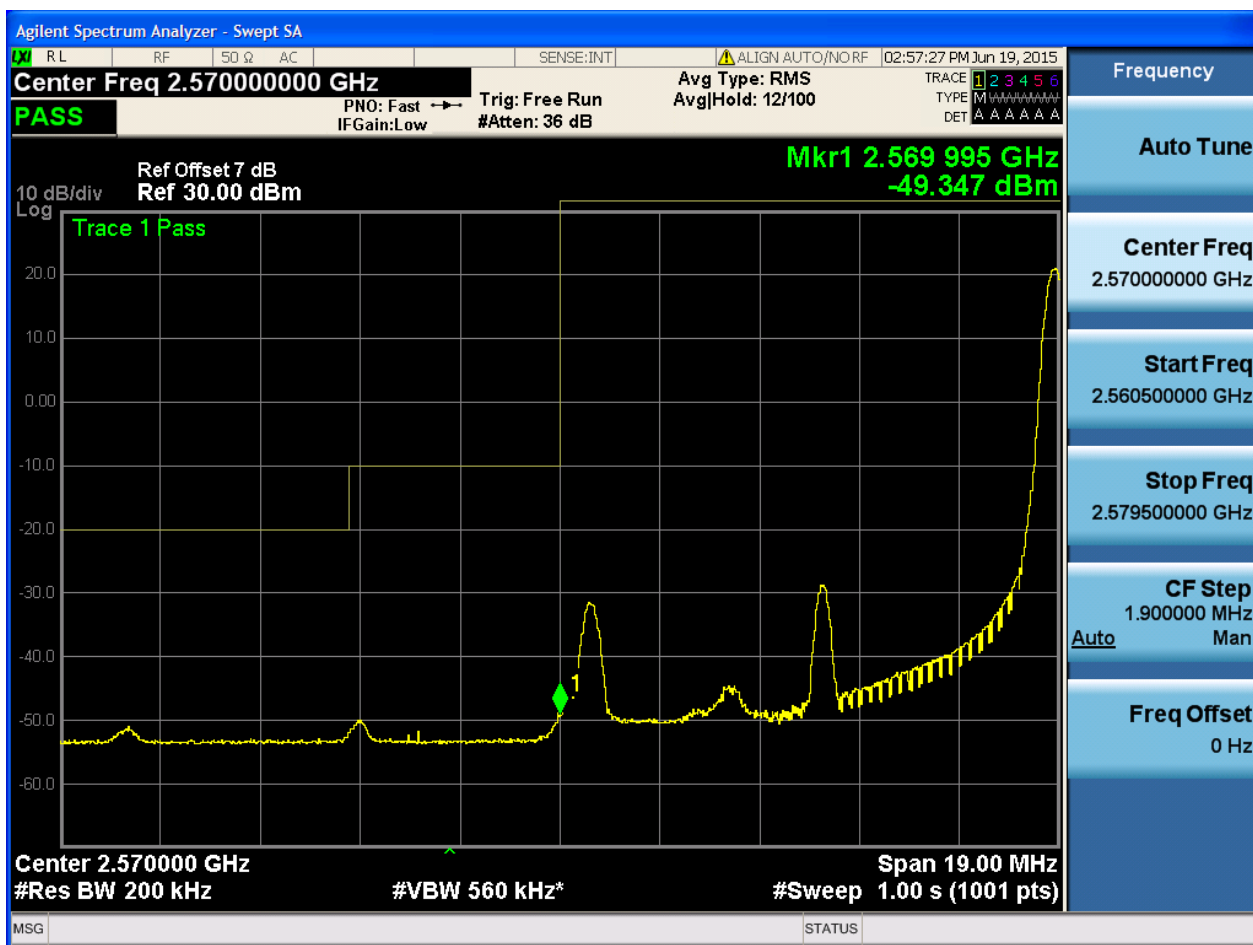
5.1.1.1.2.1 Test Channel = LCH

5.1.1.1.2.1.1 Test RB = RB1#0



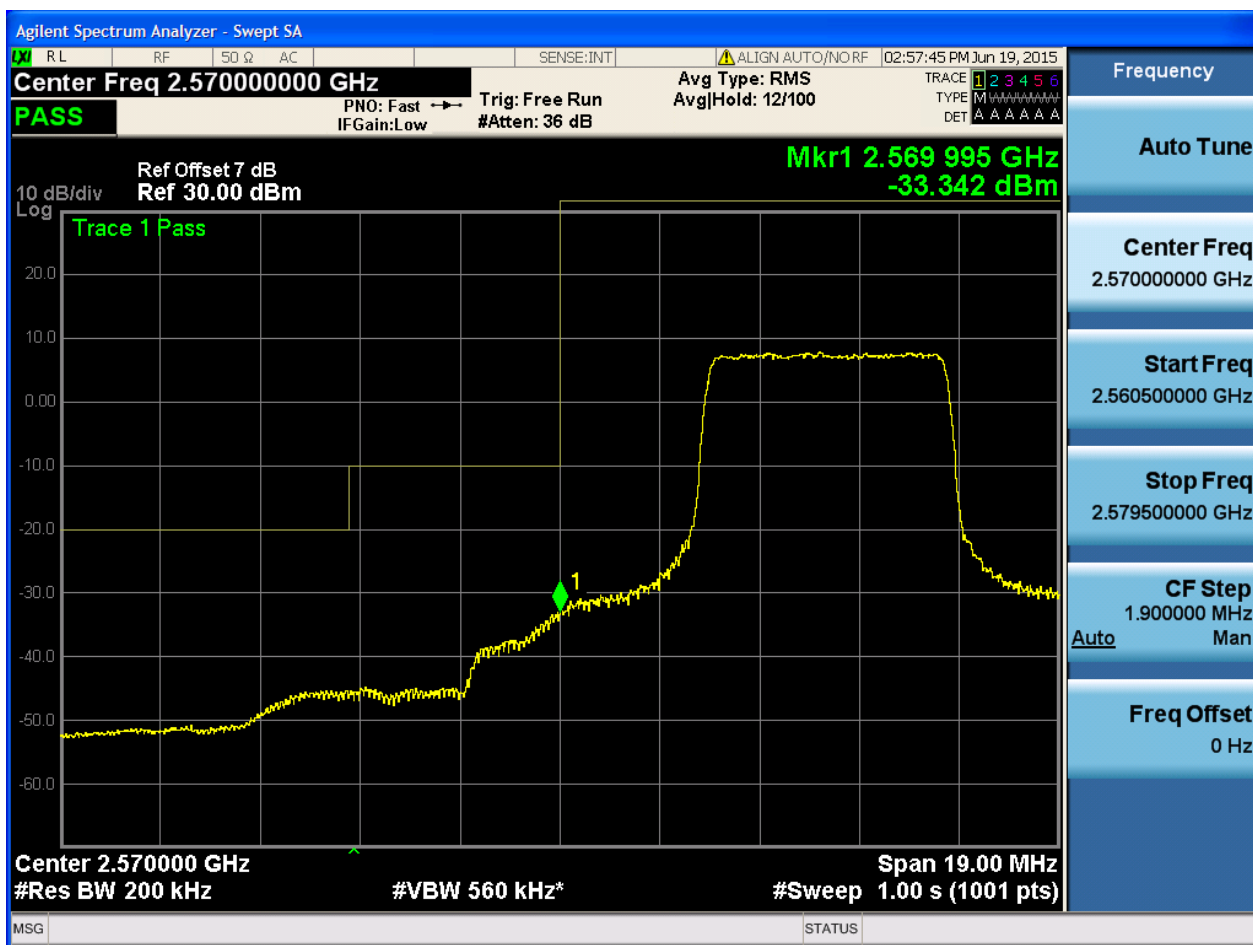


5.1.1.1.2.1.2 Test RB = RB1#49



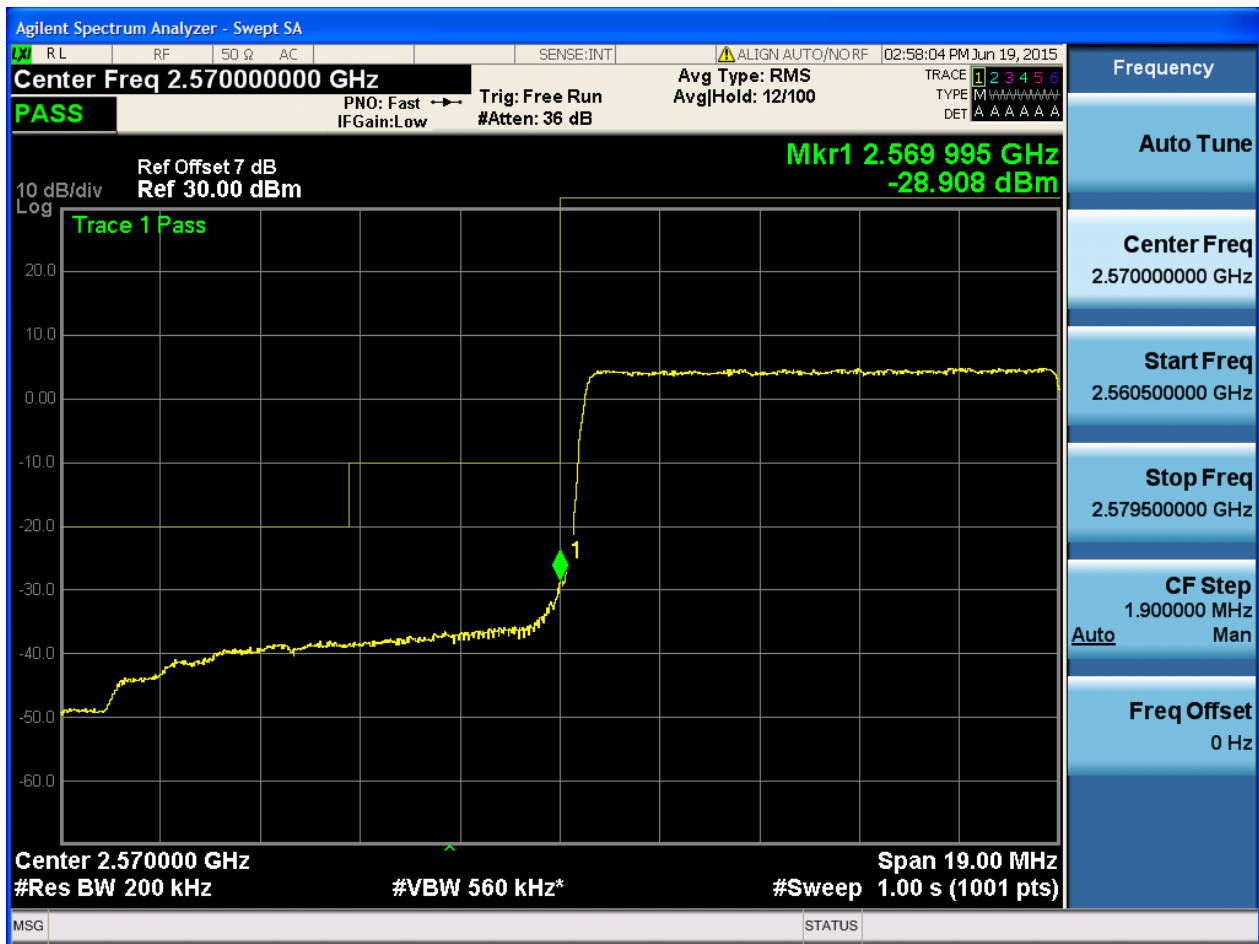


5.1.1.1.2.1.3 Test RB = RB25#13



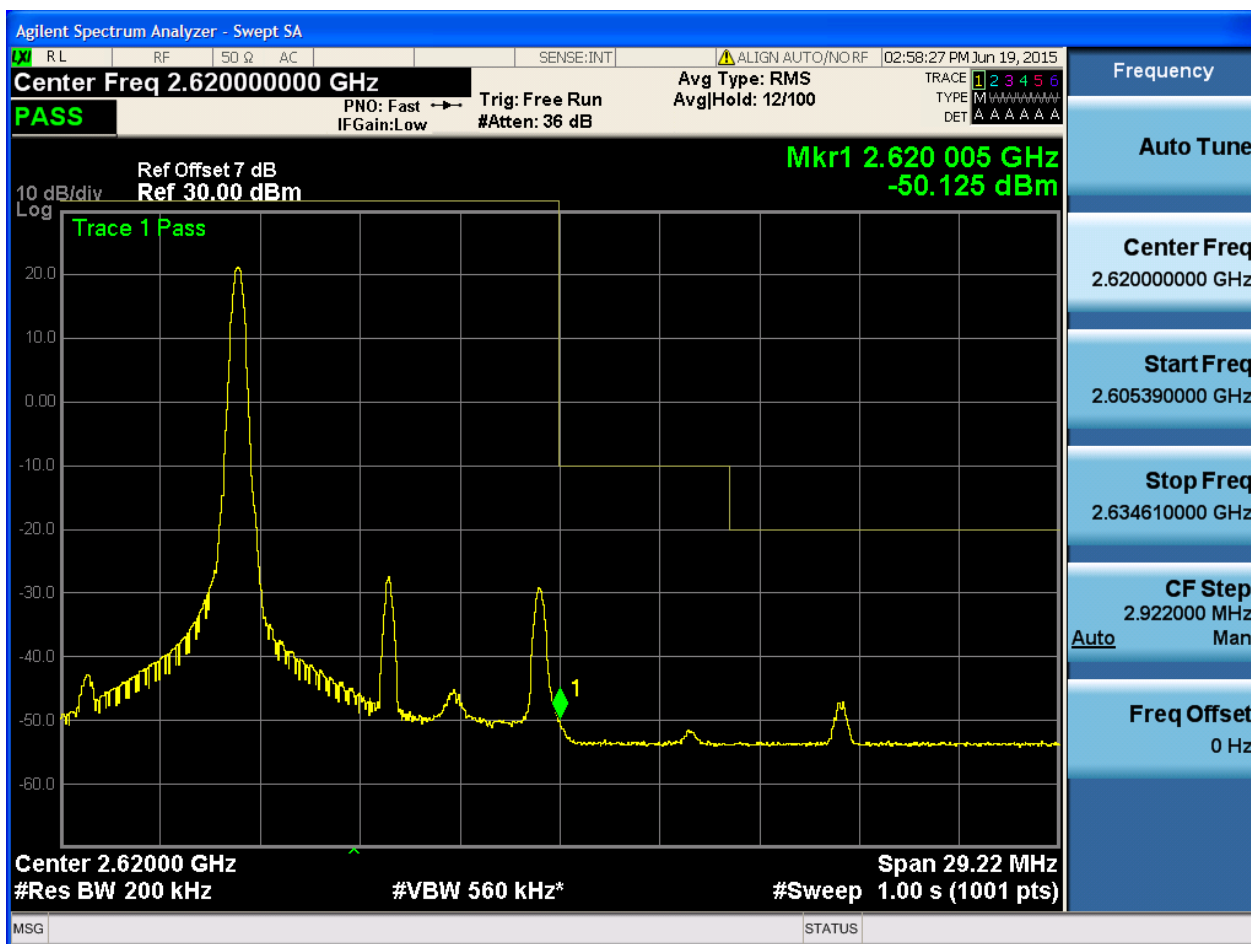


5.1.1.1.2.1.4 Test RB = RB50#0



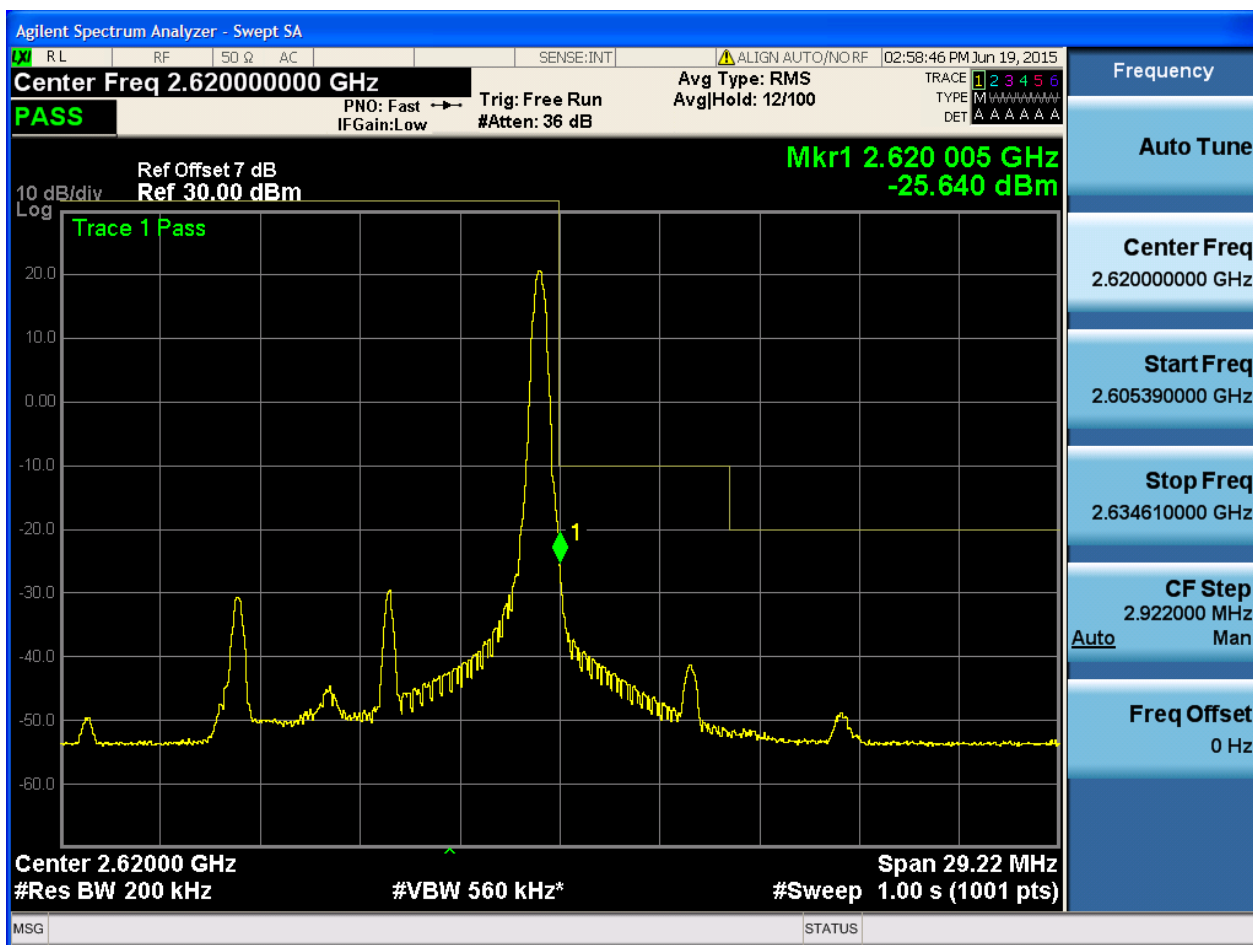
5.1.1.1.2.2 Test Channel = HCH

5.1.1.1.2.2.1 Test RB = RB1#0



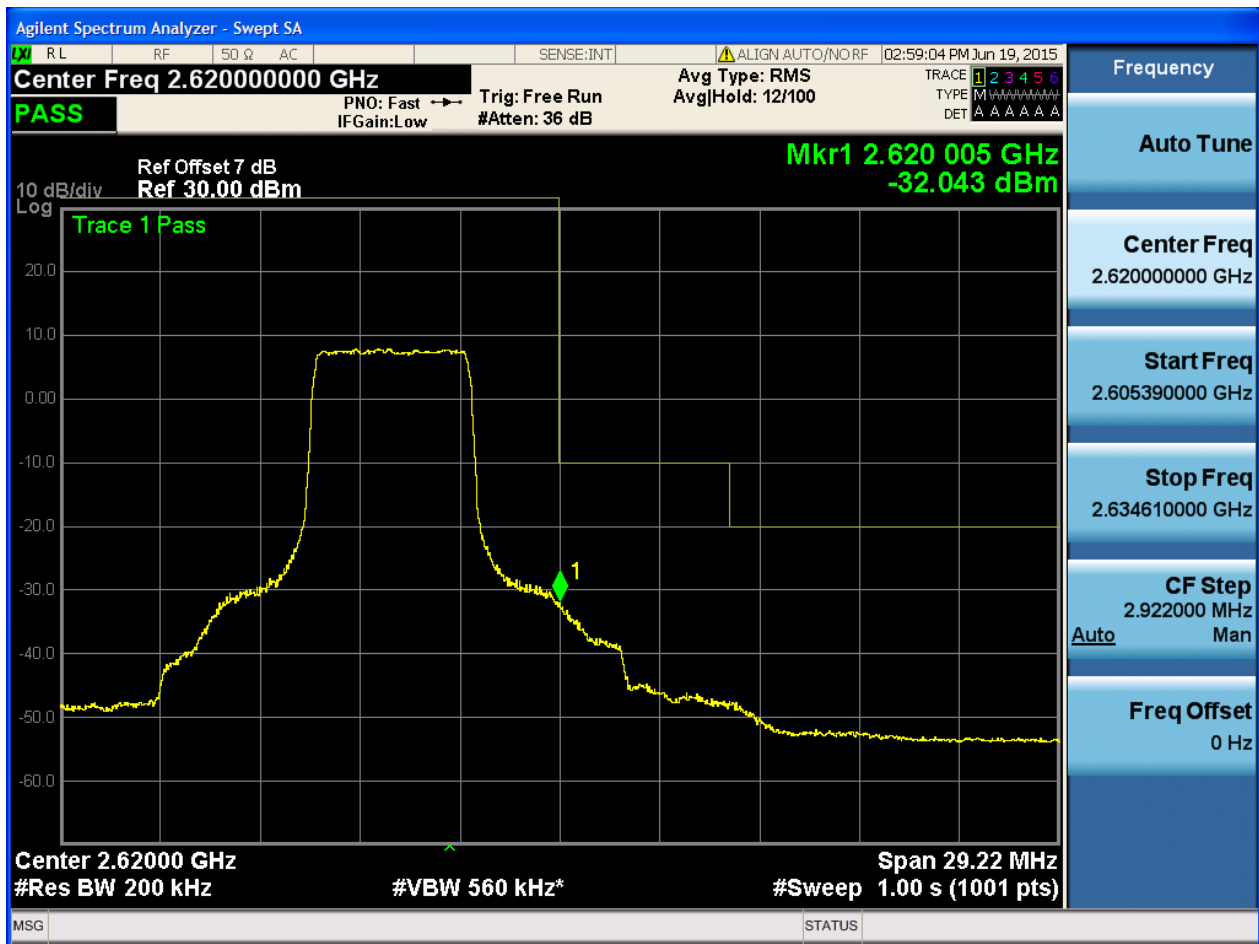


5.1.1.1.2.2.2 Test RB = RB1#49





5.1.1.1.2.2.3 Test RB = RB25#13





5.1.1.1.2.2.4 Test RB = RB50#0

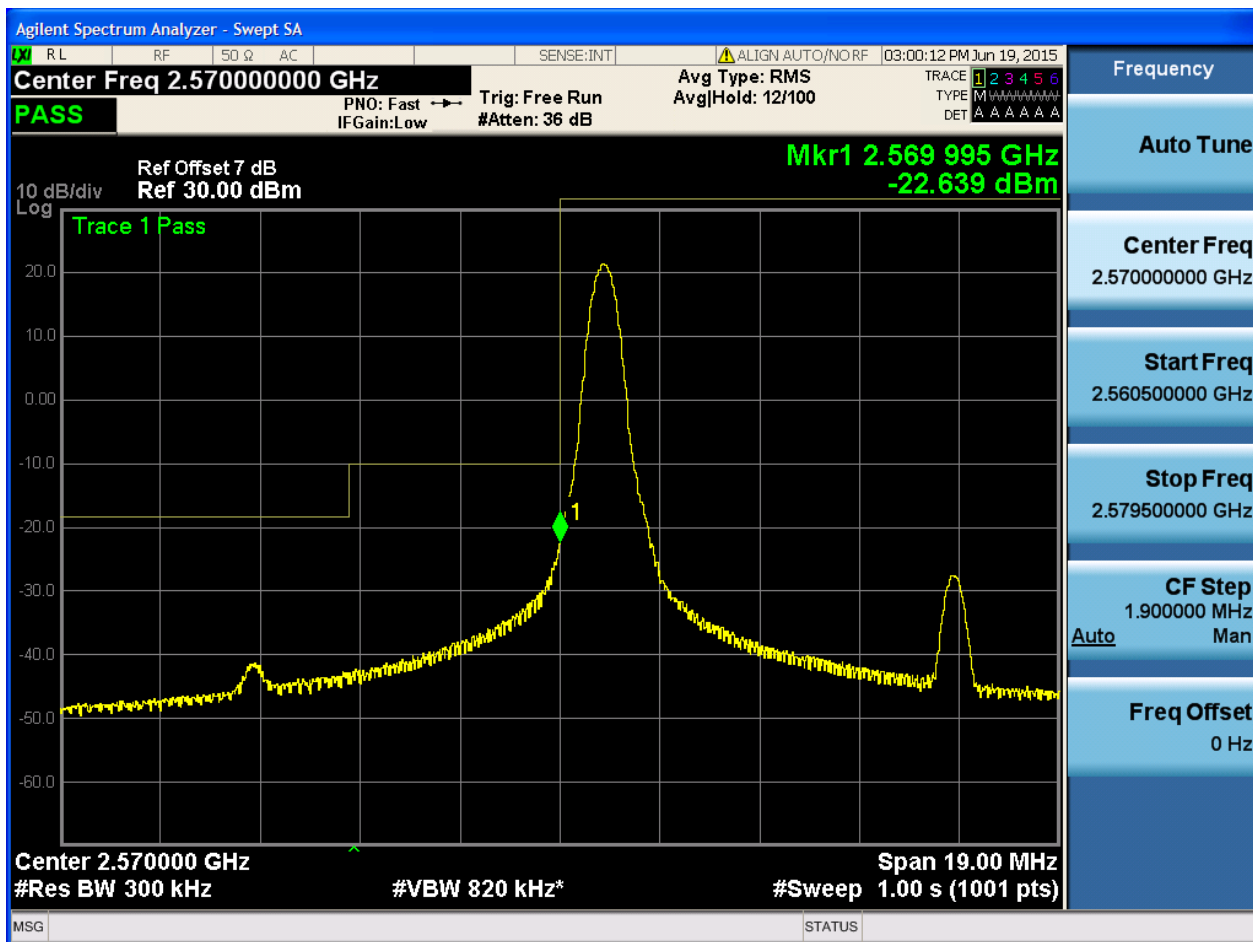




5.1.1.1.3 Test Bandwidth = 15

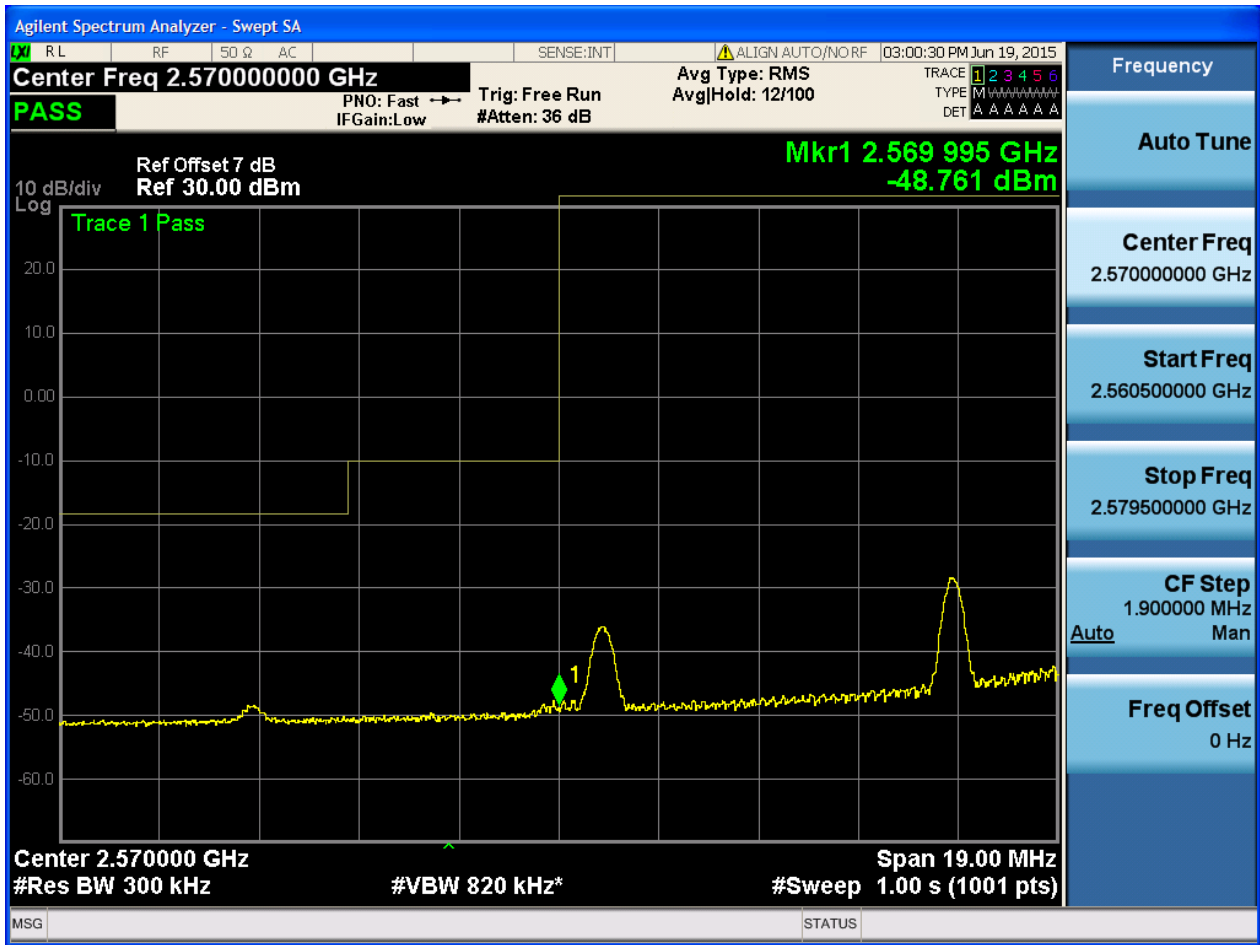
5.1.1.1.3.1 Test Channel = LCH

5.1.1.1.3.1.1 Test RB = RB1#0



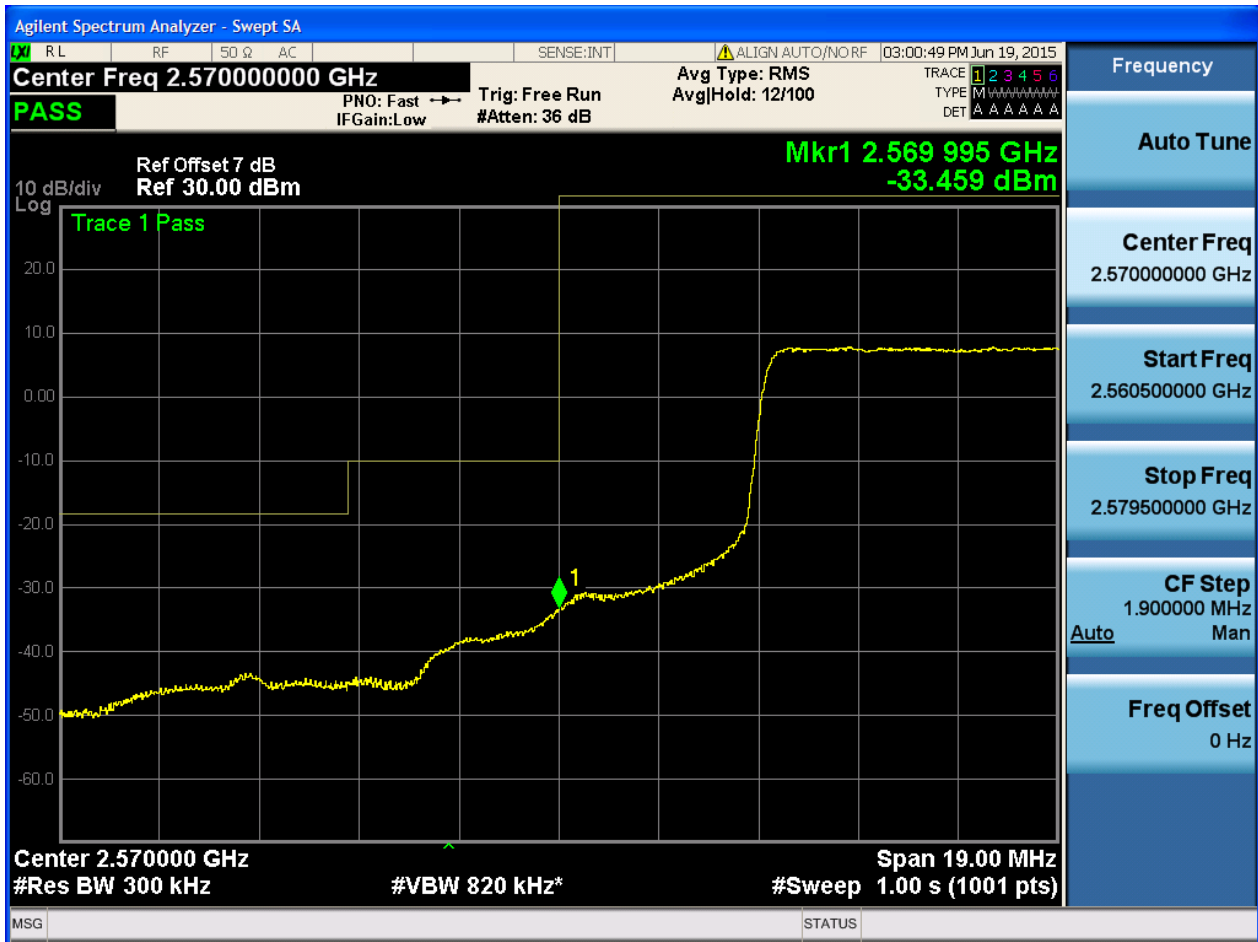


5.1.1.1.3.1.2 Test RB = RB1#74



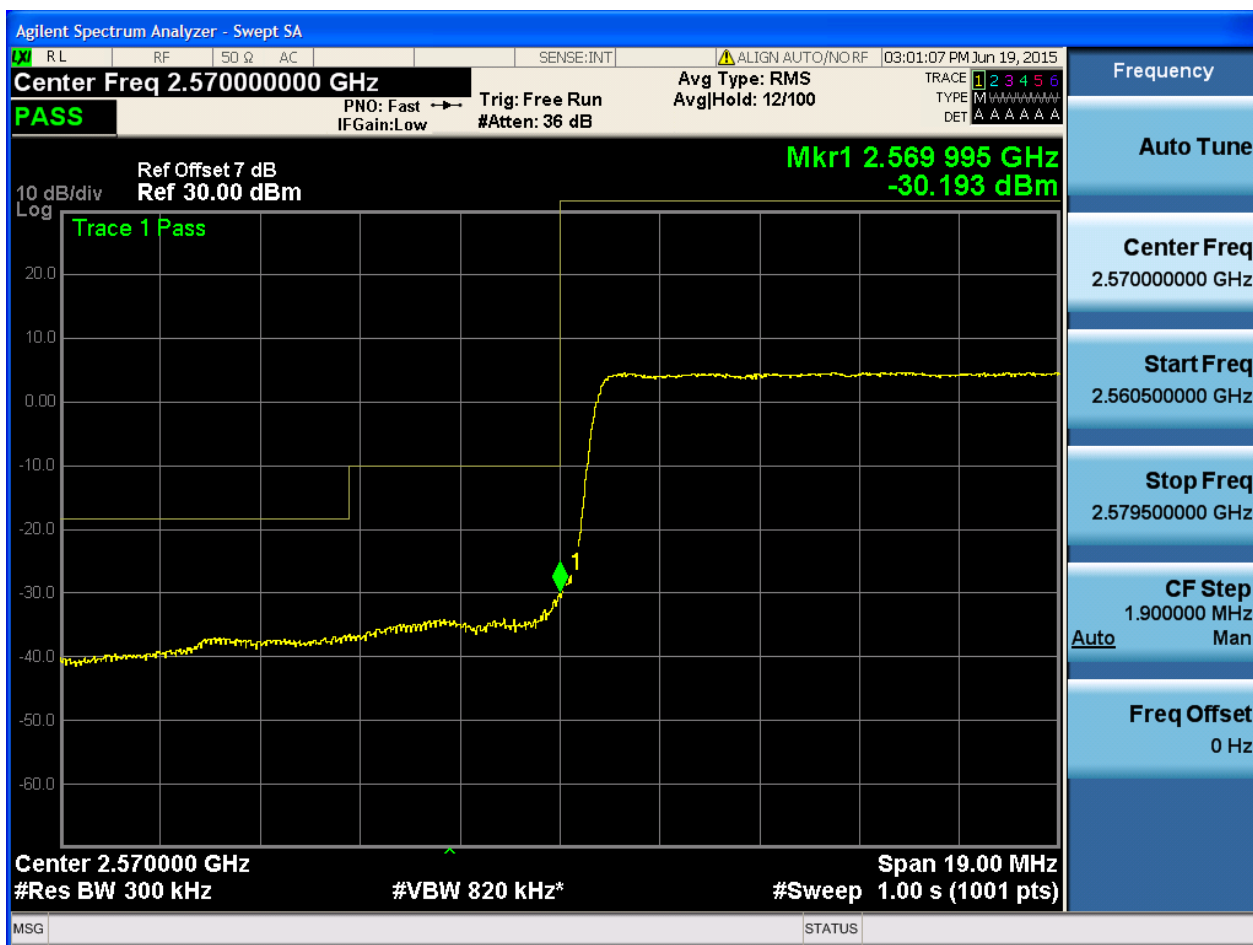


5.1.1.1.3.1.3 Test RB = RB36#18





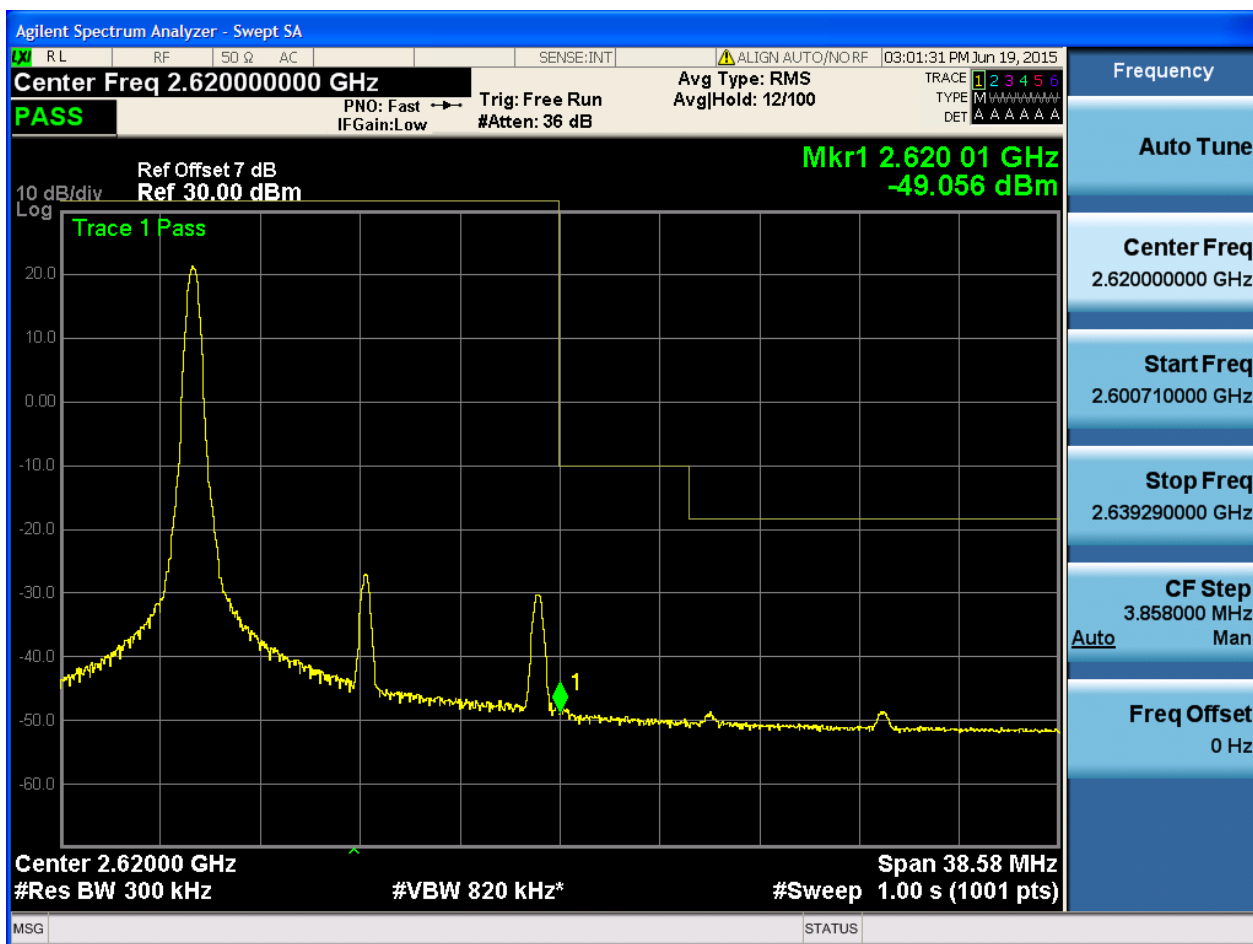
5.1.1.1.3.1.4 Test RB = RB75#0





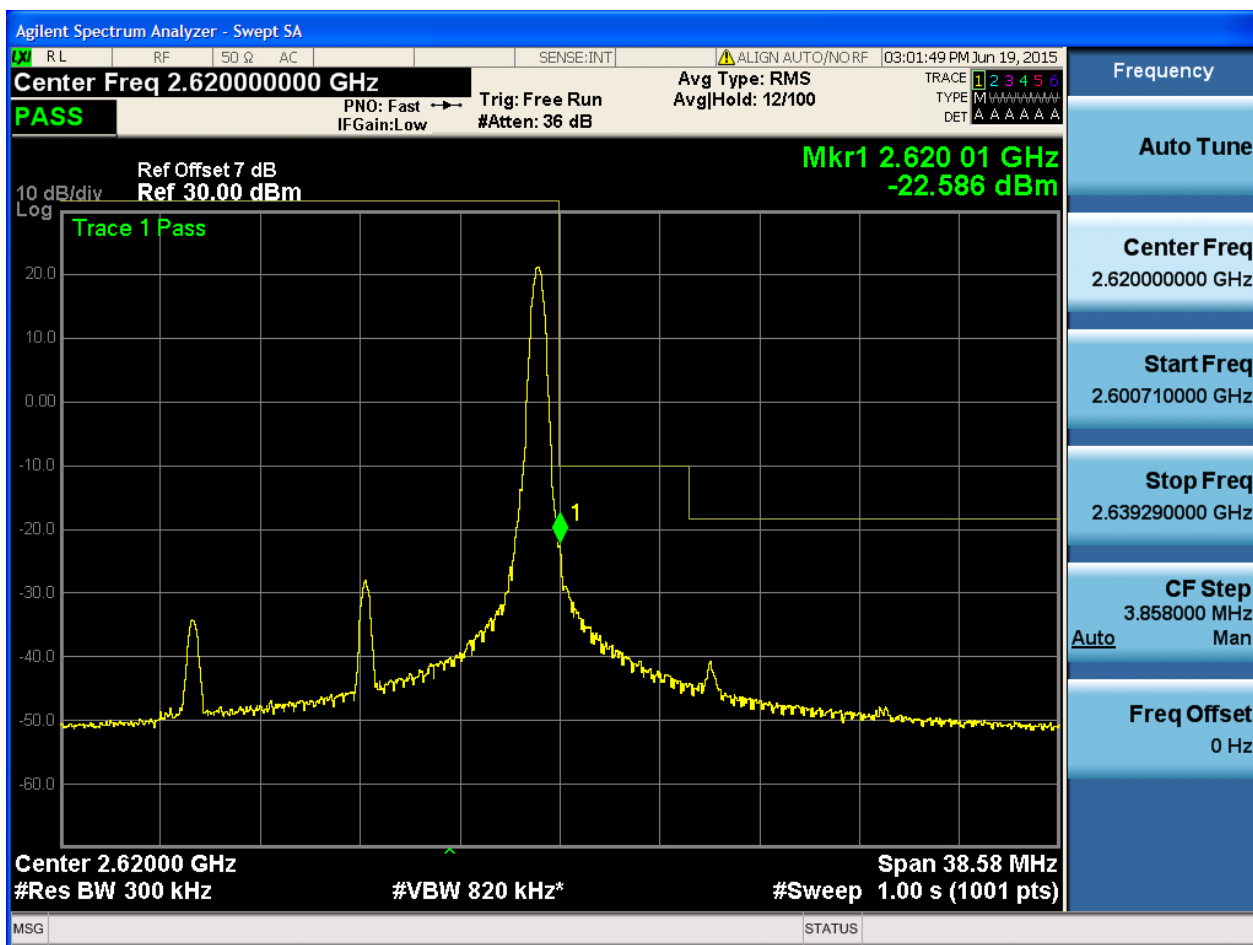
5.1.1.1.3.2 Test Channel = HCH

5.1.1.1.3.2.1 Test RB = RB1#0



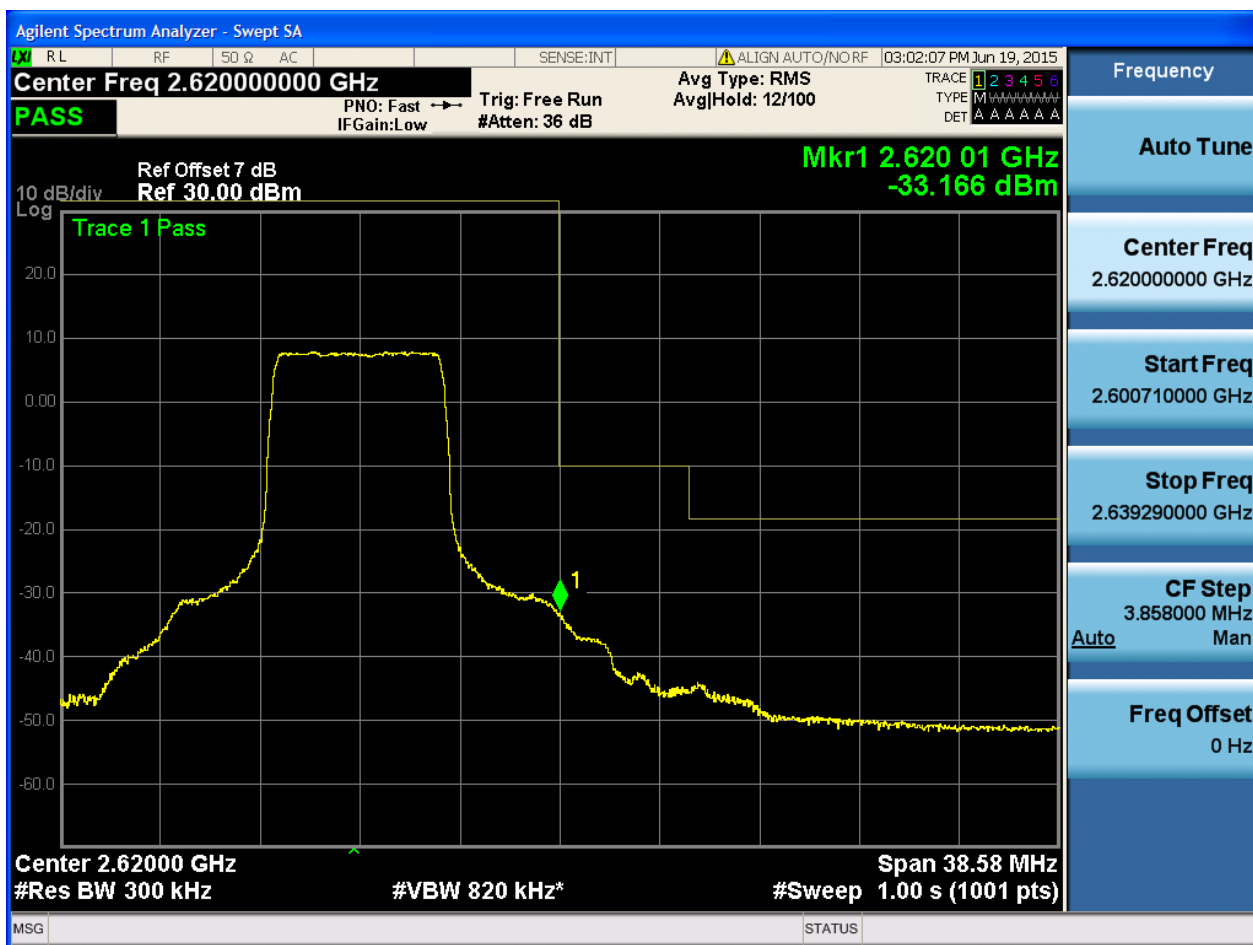


5.1.1.1.3.2.2 Test RB = RB1#74





5.1.1.1.3.2.3 Test RB = RB36#18





5.1.1.1.3.2.4 Test RB = RB75#0

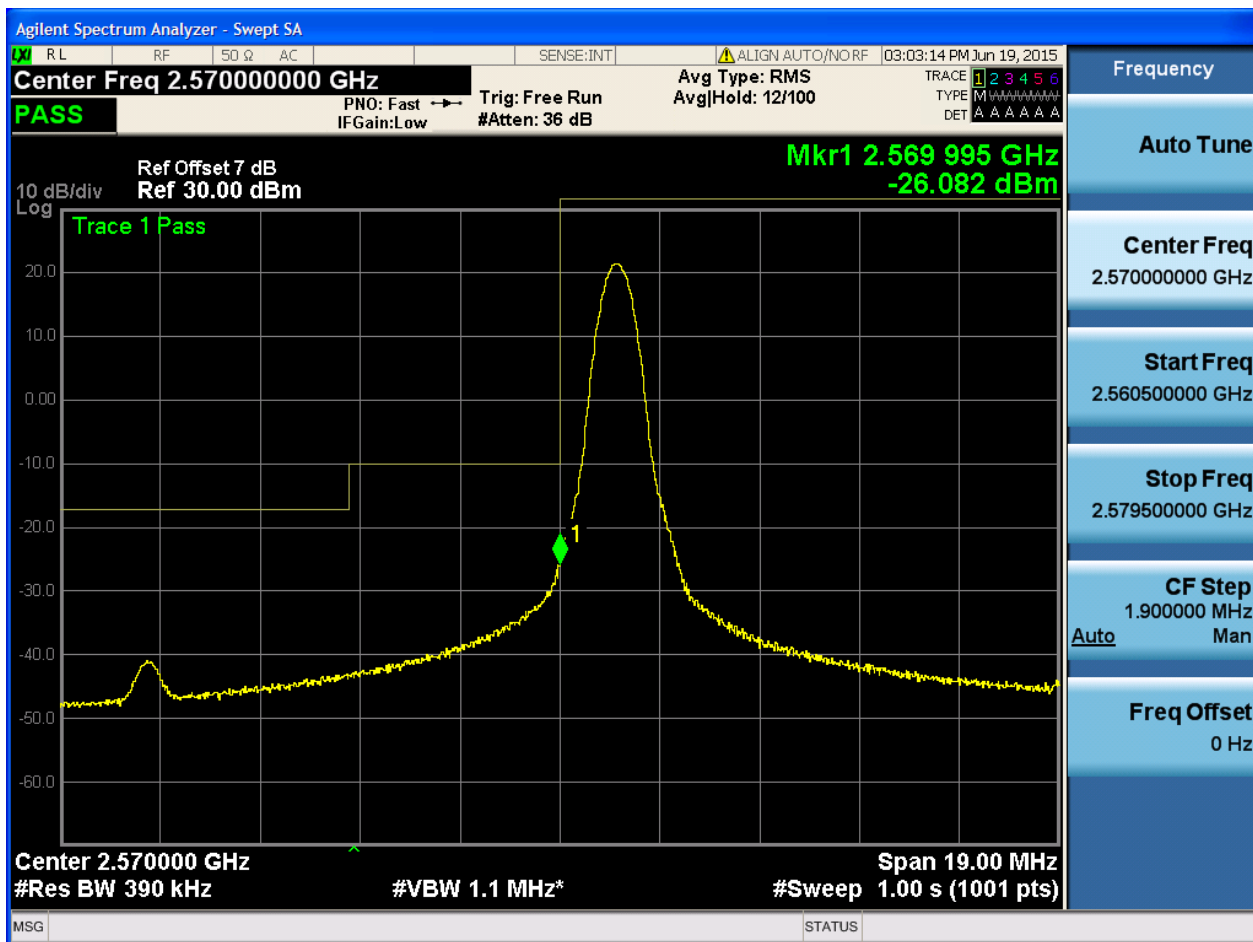




5.1.1.1.4 Test Bandwidth = 20

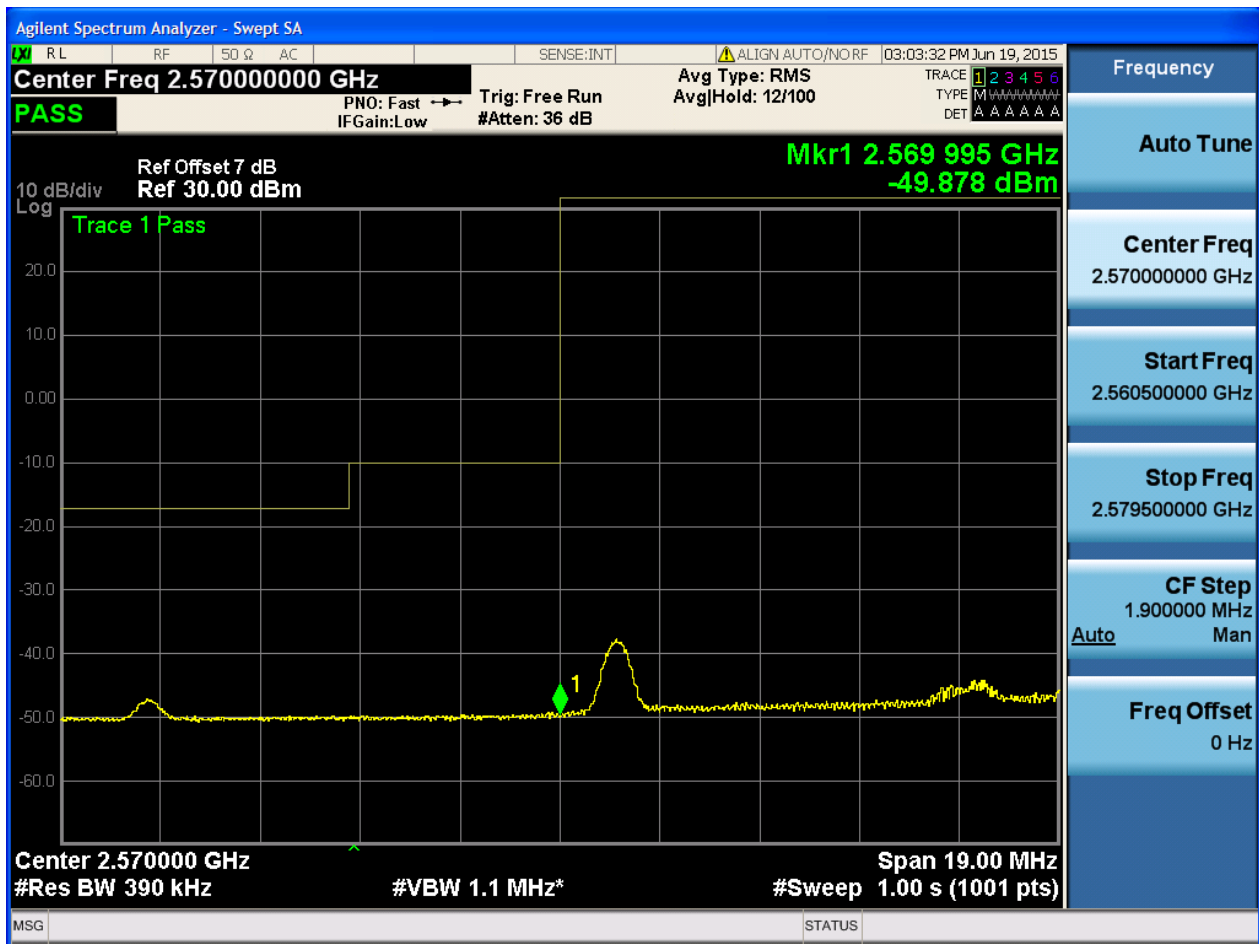
5.1.1.1.4.1 Test Channel = LCH

5.1.1.1.4.1.1 Test RB = RB1#0



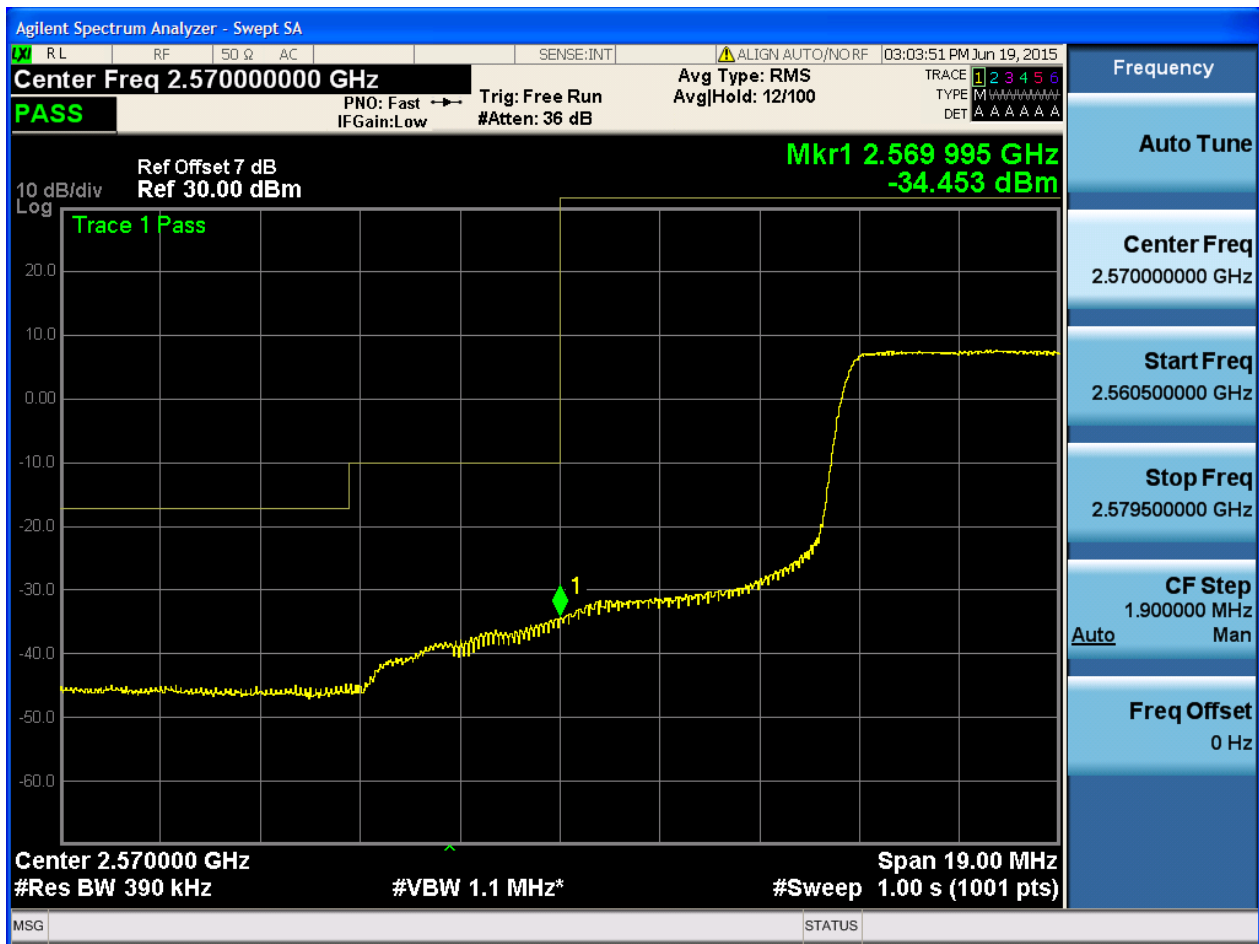


5.1.1.1.4.1.2 Test RB = RB1#99



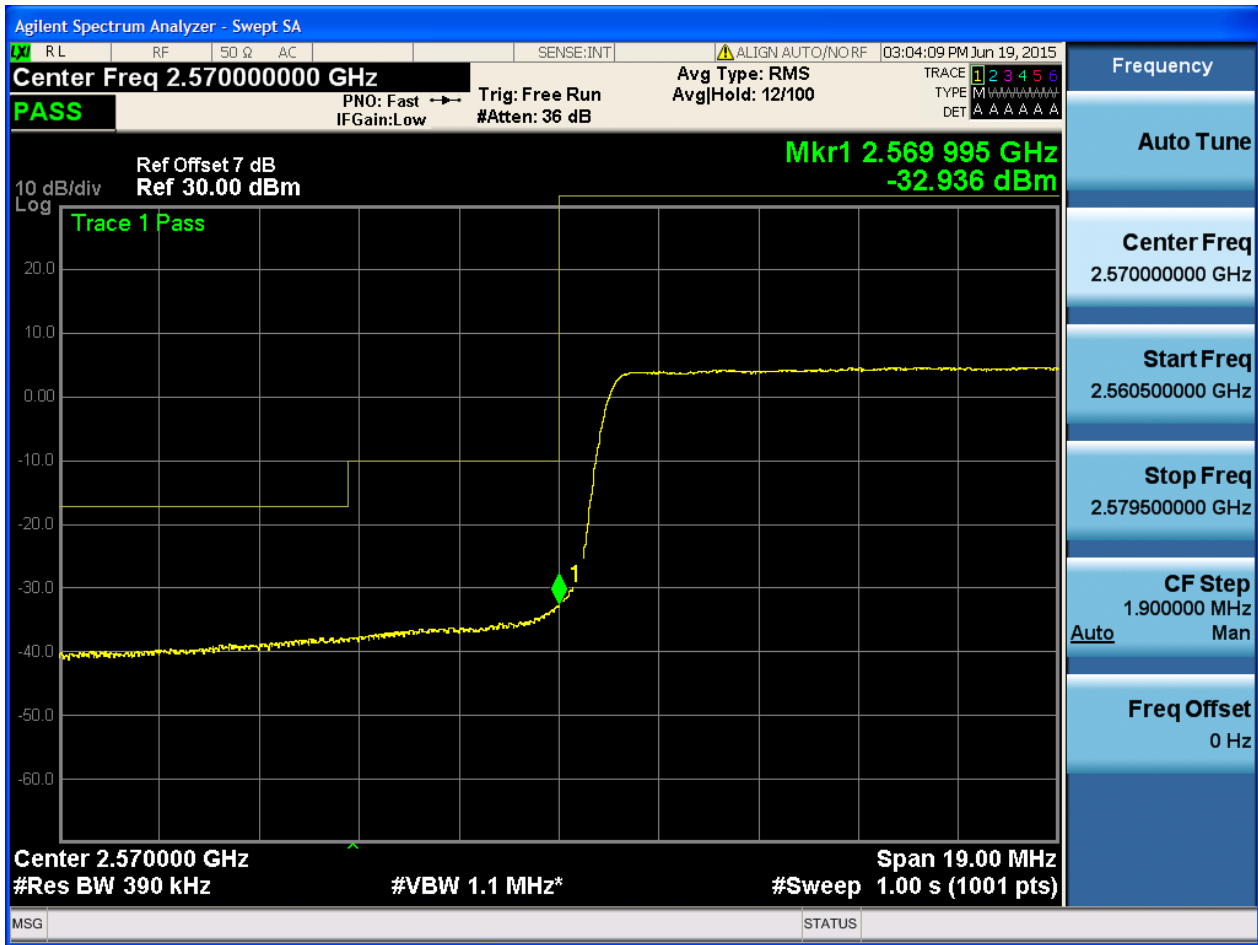


5.1.1.1.4.1.3 Test RB = RB50#25





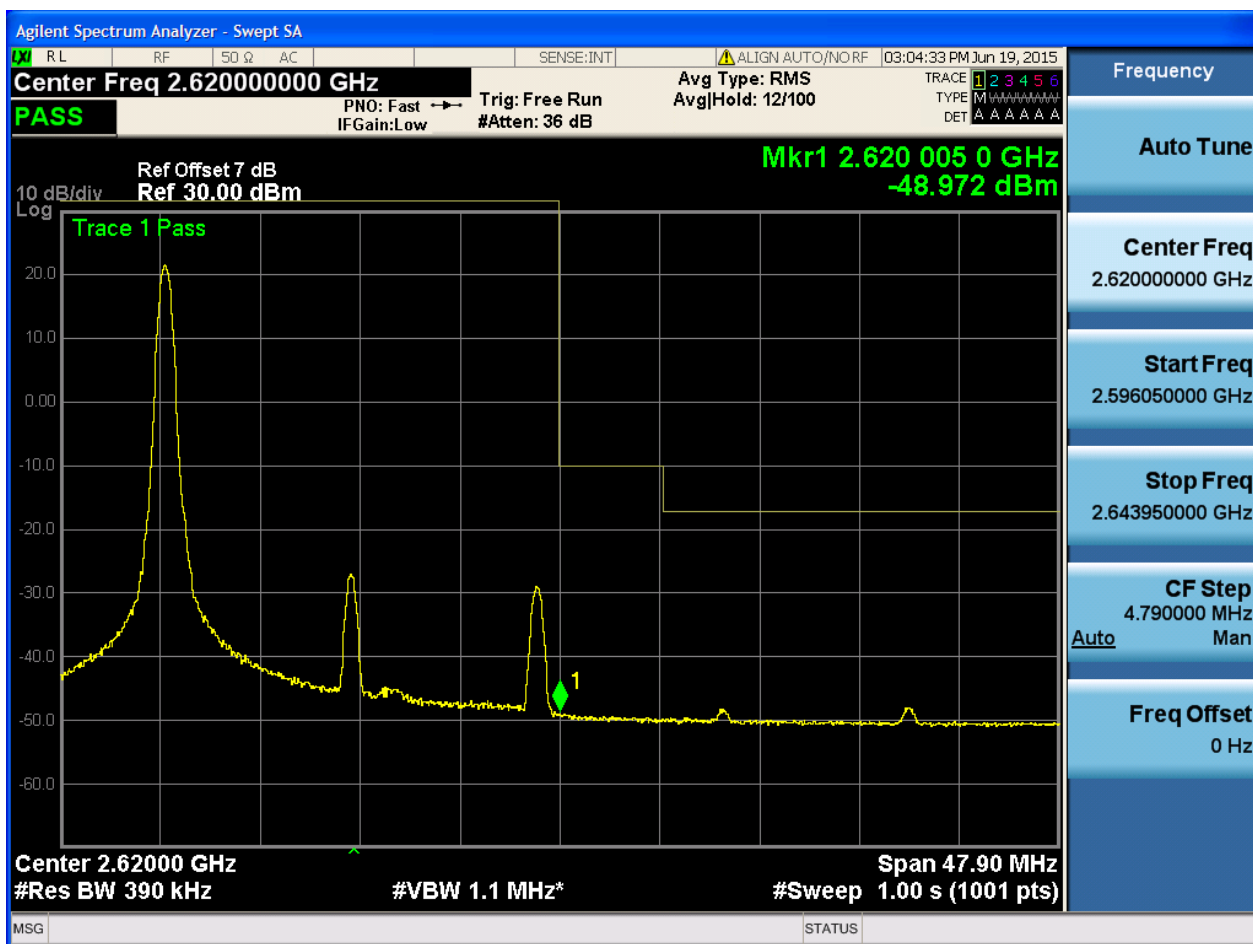
5.1.1.1.4.1.4 Test RB = RB100#0





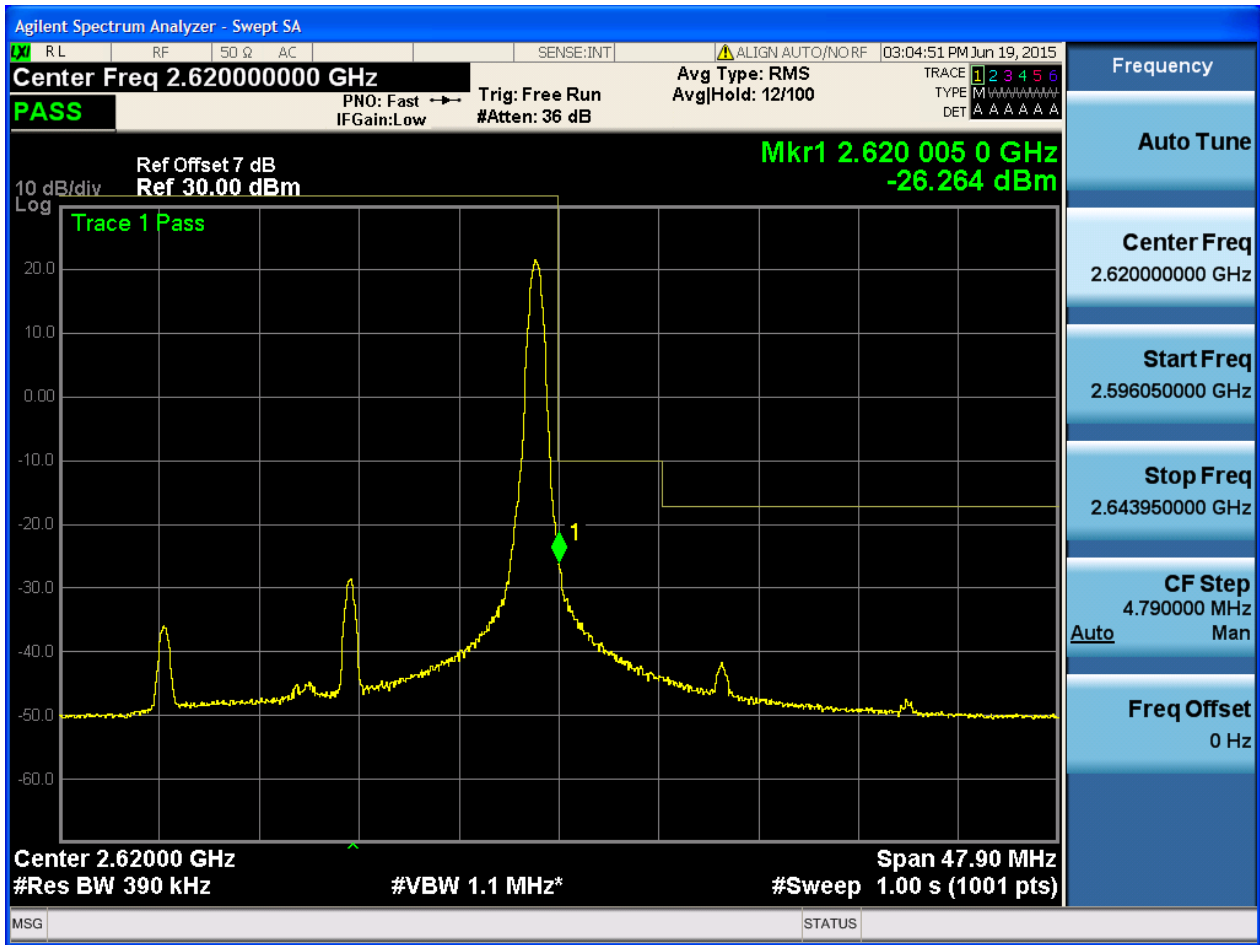
5.1.1.1.4.2 Test Channel = HCH

5.1.1.1.4.2.1 Test RB = RB1#0



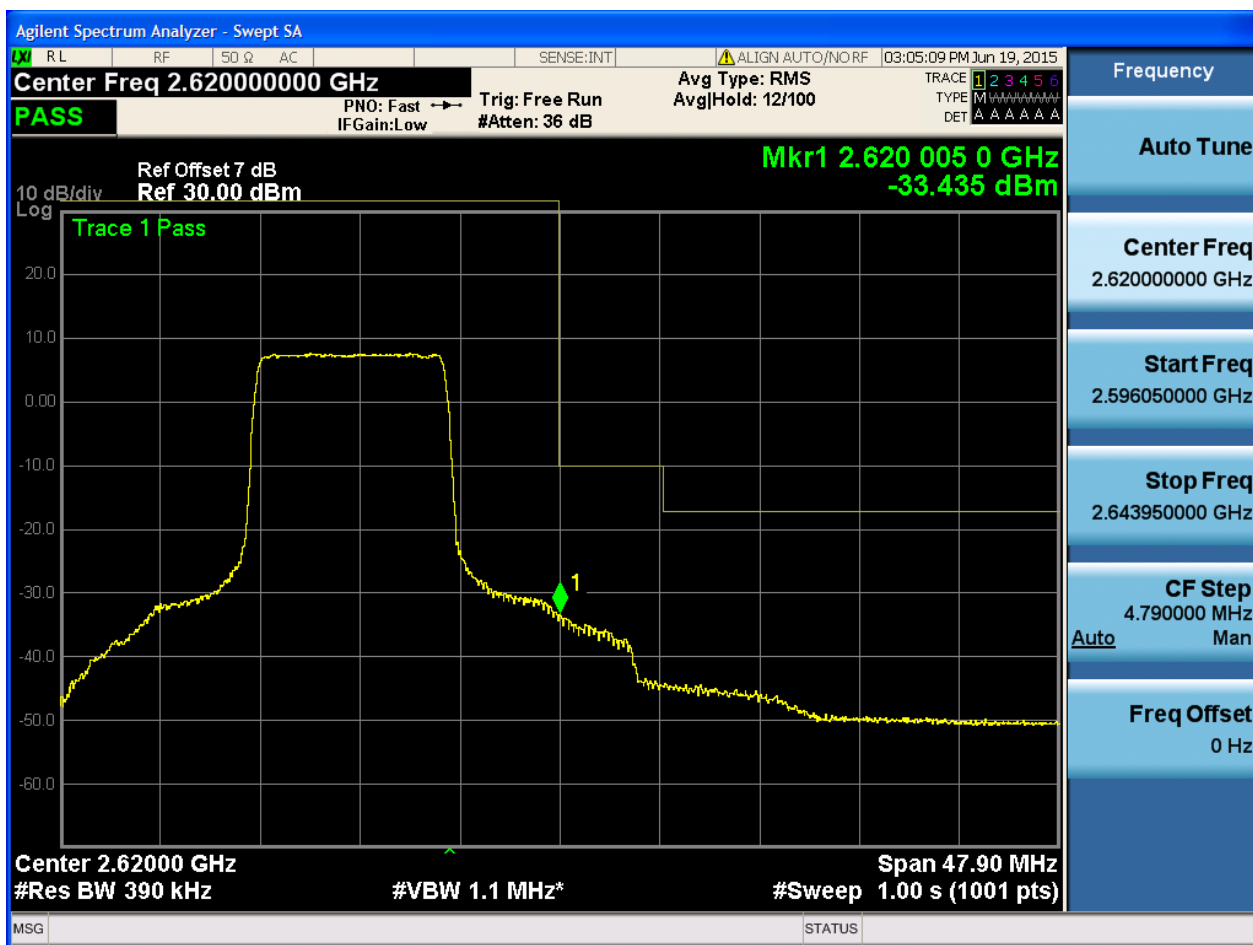


5.1.1.1.4.2.2 Test RB = RB1#99





5.1.1.1.4.2.3 Test RB = RB50#25





5.1.1.1.4.2.4 Test RB = RB100#0



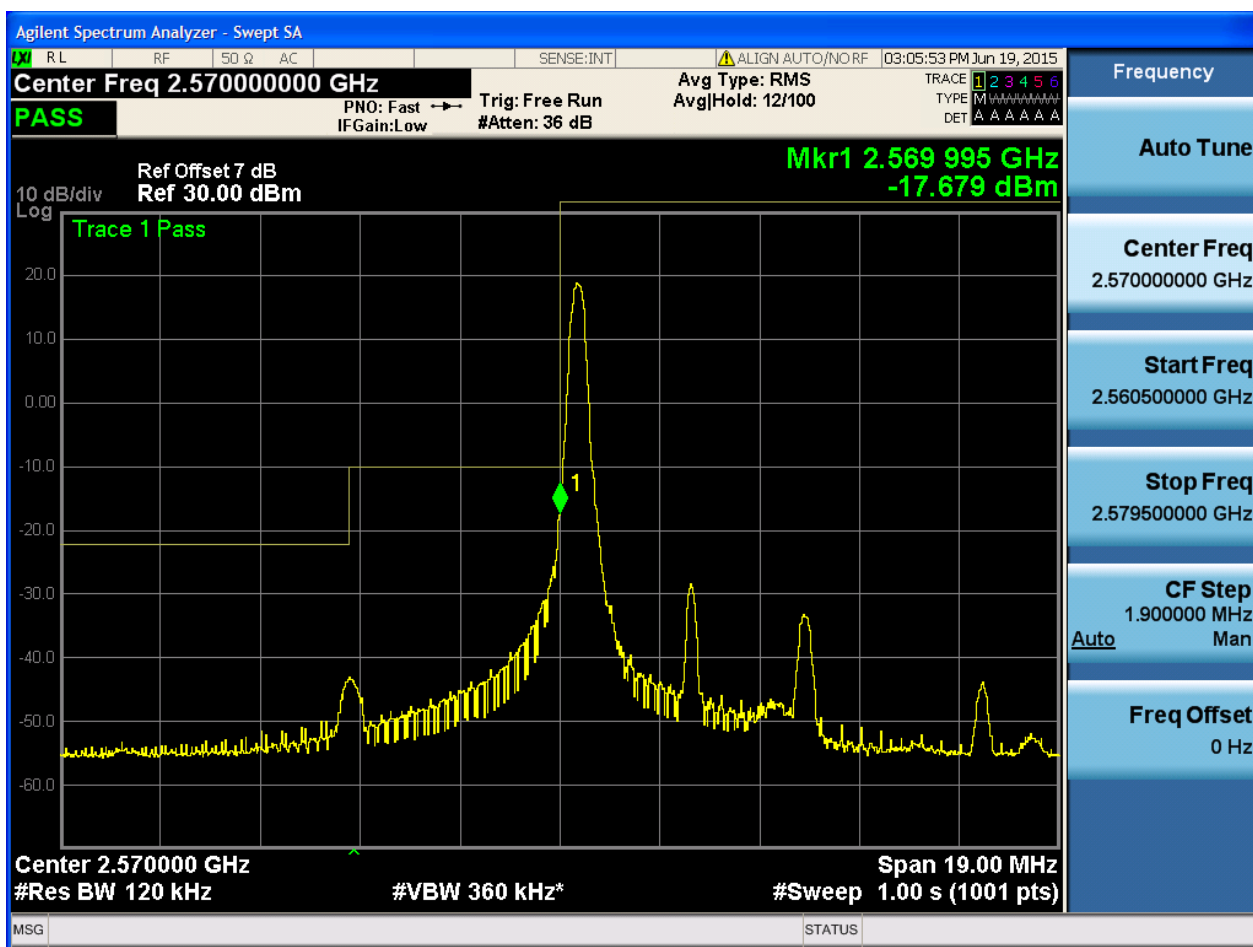


5.1.1.2 Test Mode = LTE/TM2

5.1.1.2.1 Test Bandwidth = 5

5.1.1.2.1.1 Test Channel = LCH

5.1.1.2.1.1.1 Test RB = RB1#0





Agilent Spectrum Analyzer - Swept SA

Center Freq 2.57000000 GHz

PASS

Ref Offset 7 dB
Ref 30.00 dBm

Trace 1 Pass

Mkr1 2.569 995 GHz
-51.524 dBm

Center 2.570000 GHz
#Res BW 120 kHz
#VBW 360 kHz*
Span 19.00 MHz
#Sweep 1.00 s (1001 pts)

Frequency

Auto Tune

Center Freq
2.57000000 GHz

Start Freq
2.56500000 GHz

Stop Freq
2.57950000 GHz

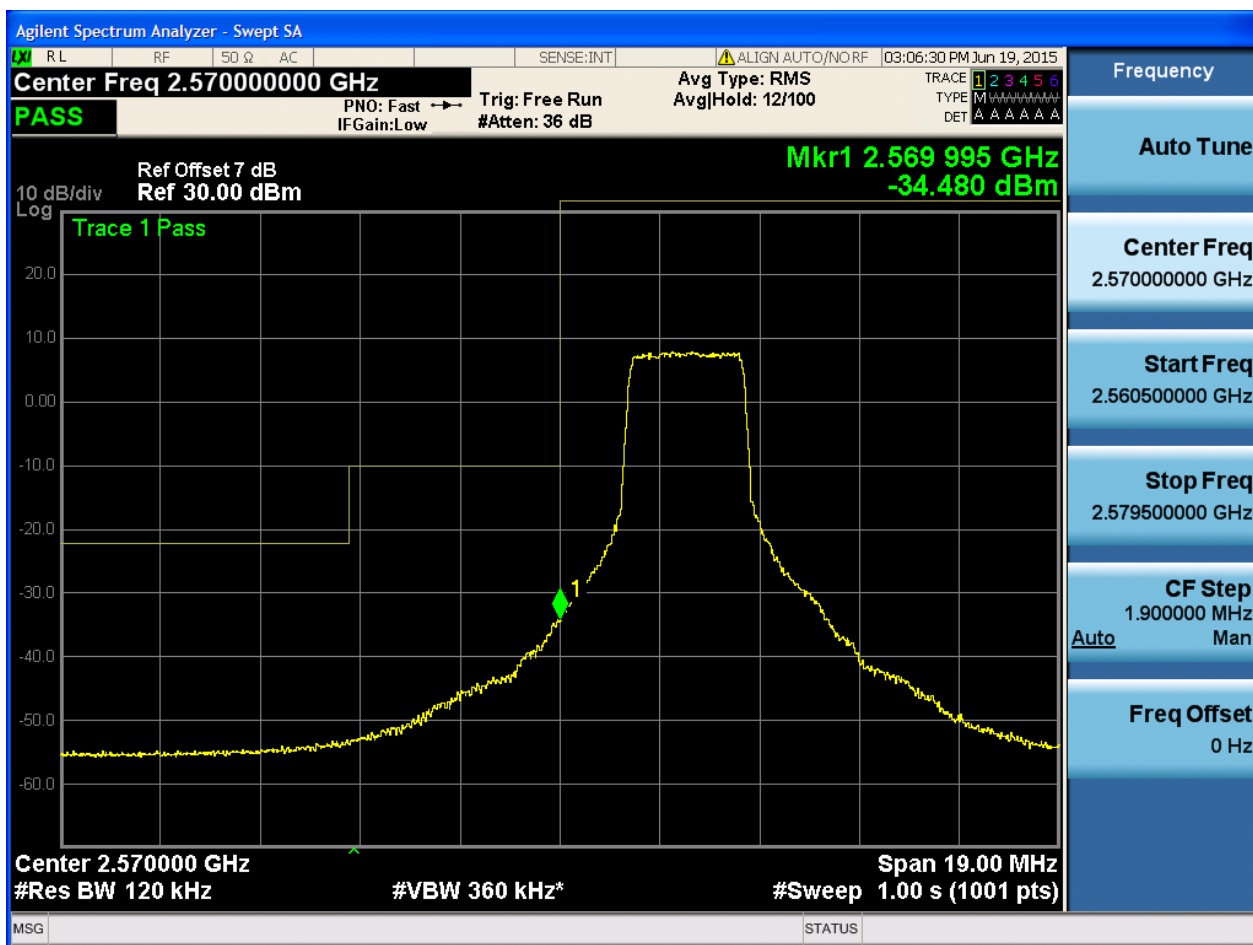
CF Step
1.900000 MHz
Man

Freq Offset
0 Hz

The image shows a screenshot of an Agilent Spectrum Analyzer. The main display is a plot of power spectral density (PSD) in dBm versus frequency in GHz. The plot shows a swept spectrum with a prominent peak at 2.569995 GHz, which is marked with a green diamond and labeled 'Mkr1 2.569 995 GHz -51.524 dBm'. The peak is surrounded by several smaller peaks and a noisy baseline. The plot is labeled 'Trace 1 Pass' in green. The top of the screen displays various settings: 'Center Freq 2.57000000 GHz', 'PNO: Fast', 'IFGain:Low', 'Trig: Free Run', '#Atten: 36 dB', 'Avg Type: RMS', 'AvgHold: 12/100', 'ALIGN AUTO/NORF', and the date '03:06:12 PM Jun 19, 2015'. The bottom of the screen shows additional settings: 'Ref Offset 7 dB', 'Ref 30.00 dBm', 'Center 2.570000 GHz', '#Res BW 120 kHz', '#VBW 360 kHz*', 'Span 19.00 MHz', and '#Sweep 1.00 s (1001 pts)'. On the right side, there is a vertical panel with buttons for 'Frequency', 'Auto Tune', 'Center Freq', 'Start Freq', 'Stop Freq', 'CF Step', and 'Freq Offset'. The 'Auto Tune' button is highlighted.



5.1.1.2.1.1.3 Test RB = RB12#6





5.1.1.2.1.1.4 Test RB = RB25#0

