Appendix for test report

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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]	EIRP [dBm]	Limit [dBm]	Verdict
BAND4	LTE/TM1	1.4	LCH	RB1#0	22.95	23.13	30	PASS
				RB1#3	22.69	22.89	30	PASS
				RB1#5	23.06	23.22	30	PASS
				RB3#0	22.78	23.13	30	PASS
				RB3#2	22.66	22.94	30	PASS
				RB3#3	23.1	23.32	30	PASS
				RB6#0	21.45	21.61	30	PASS
			MCH	RB1#0	23.09	23.31	30	PASS
				RB1#3	22.86	23.22	30	PASS
				RB1#5	23.1	23.50	30	PASS
				RB3#0	23	23.28	30	PASS
				RB3#2	22.96	23.35	30	PASS
				RB3#3	22.96	23.40	30	PASS

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Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB6#0	21.46	21.61	30	PASS
			HCH	RB1#0	23.07	23.24	30	PASS
				RB1#3	22.35	22.65	30	PASS
				RB1#5	23.1	23.33	30	PASS
				RB3#0	22.86	23.02	30	PASS
				RB3#2	22.67	22.94	30	PASS
				RB3#3	23	23.32	30	PASS
				RB6#0	21.51	21.83	30	PASS
		3	LCH	RB1#0	23.04	23.38	30	PASS
				RB1#7	22.01	22.31	30	PASS
				RB1#14	23.09	23.27	30	PASS
				RB8#0	21.49	21.76	30	PASS
				RB8#4	21.48	21.82	30	PASS
				RB8#7	21.53	21.90	30	PASS
				RB15#0	21.5	21.77	30	PASS
			MCH	RB1#0	23.07	23.46	30	PASS
				RB1#7	22.18	22.35	30	PASS

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Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB1#14	23.08	23.35	30	PASS
				RB8#0	21.52	21.96	30	PASS
				RB8#4	21.44	21.60	30	PASS
				RB8#7	21.52	21.68	30	PASS
				RB15#0	21.48	21.76	30	PASS
			HCH	RB1#0	23	23.44	30	PASS
				RB1#7	22.76	23.20	30	PASS
				RB1#14	23.02	23.37	30	PASS
				RB8#0	21.39	21.80	30	PASS
				RB8#4	21.4	21.83	30	PASS
				RB8#7	21.46	21.66	30	PASS
				RB15#0	21.53	21.81	30	PASS
		5	LCH	RB1#0	22.98	23.23	30	PASS
				RB1#13	23.09	23.29	30	PASS
				RB1#24	23.07	23.45	30	PASS
				RB12#0	21.51	21.77	30	PASS
				RB12#6	21.48	21.82	30	PASS

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Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB12#13	21.55	21.73	30	PASS
				RB25#0	21.48	21.84	30	PASS
			MCH	RB1#0	23.08	23.28	30	PASS
				RB1#13	23.11	23.41	30	PASS
				RB1#24	23.14	23.53	30	PASS
				RB12#0	21.55	21.96	30	PASS
				RB12#6	21.41	21.66	30	PASS
				RB12#13	21.61	21.92	30	PASS
				RB25#0	21.54	21.94	30	PASS
			HCH	RB1#0	22.98	23.41	30	PASS
				RB1#13	22.98	23.30	30	PASS
				RB1#24	23.01	23.18	30	PASS
				RB12#0	21.55	21.82	30	PASS
				RB12#6	21.38	21.77	30	PASS
				RB12#13	21.53	21.83	30	PASS
				RB25#0	21.55	21.92	30	PASS
		10	LCH	RB1#0	23.16	23.60	30	PASS

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Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB1#25	23.23	23.62	30	PASS
				RB1#49	23.12	23.35	30	PASS
				RB25#0	21.51	21.76	30	PASS
				RB25#13	21.52	21.86	30	PASS
				RB25#25	21.56	21.72	30	PASS
				RB50#0	21.47	21.72	30	PASS
			MCH	RB1#0	22.98	23.38	30	PASS
				RB1#25	23.24	23.69	30	PASS
				RB1#49	23.13	23.48	30	PASS
				RB25#0	21.49	21.79	30	PASS
				RB25#13	21.54	21.98	30	PASS
				RB25#25	21.63	22.00	30	PASS
				RB50#0	21.51	21.86	30	PASS
			HCH	RB1#0	22.94	23.35	30	PASS
				RB1#25	22.61	22.84	30	PASS
				RB1#49	23.03	23.36	30	PASS
				RB25#0	21.49	21.83	30	PASS

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Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB25#13	21.5	21.89	30	PASS
				RB25#25	21.45	21.79	30	PASS
				RB50#0	21.54	21.98	30	PASS
		15	LCH	RB1#0	22.96	23.18	30	PASS
				RB1#38	23.08	23.34	30	PASS
				RB1#74	23.12	23.53	30	PASS
				RB38#0	21.56	21.90	30	PASS
				RB38#19	21.55	21.72	30	PASS
				RB38#39	21.58	21.74	30	PASS
				RB75#0	21.56	21.88	30	PASS
			MCH	RB1#0	23	23.43	30	PASS
				RB1#38	23.03	23.46	30	PASS
				RB1#74	22.96	23.13	30	PASS
				RB38#0	21.54	21.95	30	PASS
				RB38#19	21.56	21.75	30	PASS
				RB38#39	21.58	21.93	30	PASS
				RB75#0	21.58	21.80	30	PASS

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Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
			HCH	RB1#0	23.05	23.26	30	PASS
				RB1#38	23.04	23.45	30	PASS
				RB1#74	22.97	23.13	30	PASS
				RB38#0	21.58	21.93	30	PASS
				RB38#19	21.53	21.85	30	PASS
				RB38#39	21.53	21.81	30	PASS
				RB75#0	21.53	21.84	30	PASS
		20	LCH	RB1#0	23.17	23.43	30	PASS
				RB1#50	22.96	23.15	30	PASS
				RB1#99	23.18	23.62	30	PASS
				RB50#0	21.57	21.97	30	PASS
				RB50#25	21.54	21.79	30	PASS
				RB50#50	21.55	21.91	30	PASS
				RB100#0	21.58	21.88	30	PASS
			MCH	RB1#0	23.16	23.53	30	PASS
				RB1#50	23.1	23.28	30	PASS
				RB1#99	23.15	23.59	30	PASS

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Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB50#0	21.56	21.93	30	PASS
				RB50#25	21.62	21.82	30	PASS
				RB50#50	21.64	21.84	30	PASS
				RB100#0	21.61	22.05	30	PASS
			HCH	RB1#0	23.21	23.37	30	PASS
				RB1#50	22.92	23.16	30	PASS
				RB1#99	23.1	23.49	30	PASS
				RB50#0	21.57	21.93	30	PASS
				RB50#25	21.49	21.87	30	PASS
				RB50#50	21.49	21.76	30	PASS
				RB100#0	21.56	21.81	30	PASS
	LTE/TM2	1.4	LCH	RB1#0	21.51	21.95	30	PASS
				RB1#3	21.01	21.36	30	PASS
				RB1#5	21.58	21.79	30	PASS
				RB3#0	21.51	21.78	30	PASS
				RB3#2	21.43	21.64	30	PASS
				RB3#3	21.47	21.66	30	PASS

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Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB6#0	20.57	20.92	30	PASS
			MCH	RB1#0	21.65	22.06	30	PASS
				RB1#3	21.4	21.63	30	PASS
				RB1#5	21.64	22.07	30	PASS
				RB3#0	21.32	21.57	30	PASS
				RB3#2	21.22	21.61	30	PASS
				RB3#3	21.46	21.81	30	PASS
				RB6#0	20.48	20.76	30	PASS
			HCH	RB1#0	21.63	21.87	30	PASS
				RB1#3	21.56	21.83	30	PASS
				RB1#5	21.67	22.07	30	PASS
				RB3#0	21.38	21.70	30	PASS
				RB3#2	21.26	21.71	30	PASS
				RB3#3	21.32	21.50	30	PASS
				RB6#0	20.37	20.67	30	PASS
		3	LCH	RB1#0	21.42	21.62	30	PASS
				RB1#7	21.3	21.64	30	PASS

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Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB1#14	21.47	21.64	30	PASS
				RB8#0	20.43	20.78	30	PASS
				RB8#4	20.43	20.84	30	PASS
				RB8#7	20.42	20.69	30	PASS
				RB15#0	20.41	20.66	30	PASS
			MCH	RB1#0	21.71	21.93	30	PASS
				RB1#7	20.87	21.18	30	PASS
				RB1#14	21.67	22.04	30	PASS
				RB8#0	20.41	20.59	30	PASS
				RB8#4	20.64	20.92	30	PASS
				RB8#7	20.45	20.80	30	PASS
				RB15#0	20.45	20.86	30	PASS
			HCH	RB1#0	21.77	22.04	30	PASS
				RB1#7	20.82	21.03	30	PASS
				RB1#14	21.68	22.04	30	PASS
				RB8#0	20.57	21.00	30	PASS
				RB8#4	20.56	20.79	30	PASS

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Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB8#7	20.62	21.02	30	PASS
				RB15#0	20.35	20.54	30	PASS
		5	LCH	RB1#0	21.6	21.99	30	PASS
				RB1#13	21.69	22.08	30	PASS
				RB1#24	21.74	22.10	30	PASS
				RB12#0	20.49	20.90	30	PASS
				RB12#6	20.43	20.61	30	PASS
				RB12#13	20.54	20.84	30	PASS
				RB25#0	20.45	20.81	30	PASS
			MCH	RB1#0	21.69	21.98	30	PASS
				RB1#13	21.73	22.09	30	PASS
				RB1#24	21.73	21.97	30	PASS
				RB12#0	20.51	20.78	30	PASS
				RB12#6	20.52	20.92	30	PASS
				RB12#13	20.58	20.81	30	PASS
				RB25#0	20.53	20.94	30	PASS
			HCH	RB1#0	21.81	22.25	30	PASS

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Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB1#13	21.78	22.18	30	PASS
				RB1#24	21.85	22.04	30	PASS
				RB12#0	20.46	20.66	30	PASS
				RB12#6	20.45	20.73	30	PASS
				RB12#13	20.47	20.64	30	PASS
				RB25#0	20.44	20.84	30	PASS
		10	LCH	RB1#0	21.53	21.87	30	PASS
				RB1#25	21.51	21.95	30	PASS
				RB1#49	21.73	21.98	30	PASS
				RB25#0	20.5	20.66	30	PASS
				RB25#13	20.54	20.72	30	PASS
				RB25#25	20.52	20.84	30	PASS
				RB50#0	20.43	20.60	30	PASS
			MCH	RB1#0	21.53	21.78	30	PASS
				RB1#25	21.36	21.75	30	PASS
				RB1#49	21.86	22.24	30	PASS
				RB25#0	20.48	20.84	30	PASS

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Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB25#13	20.55	20.98	30	PASS
				RB25#25	20.56	20.73	30	PASS
				RB50#0	20.5	20.66	30	PASS
			HCH	RB1#0	21.6	21.89	30	PASS
				RB1#25	21.57	21.80	30	PASS
				RB1#49	21.63	21.93	30	PASS
				RB25#0	20.42	20.62	30	PASS
				RB25#13	20.4	20.75	30	PASS
				RB25#25	20.47	20.81	30	PASS
				RB50#0	20.4	20.74	30	PASS
		15	LCH	RB1#0	21.76	21.93	30	PASS
				RB1#38	21.65	21.88	30	PASS
				RB1#74	21.59	22.03	30	PASS
				RB38#0	20.51	20.92	30	PASS
				RB38#19	20.5	20.68	30	PASS
				RB38#39	20.55	20.98	30	PASS
				RB75#0	20.53	20.85	30	PASS

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Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
			MCH	RB1#0	21.92	22.28	30	PASS
				RB1#38	21.98	22.42	30	PASS
				RB1#74	21.99	22.25	30	PASS
				RB38#0	20.57	20.98	30	PASS
				RB38#19	20.58	20.95	30	PASS
				RB38#39	20.55	20.84	30	PASS
				RB75#0	20.51	20.68	30	PASS
			HCH	RB1#0	21.67	22.06	30	PASS
				RB1#38	21.76	22.16	30	PASS
				RB1#74	21.76	22.16	30	PASS
				RB38#0	20.51	20.86	30	PASS
				RB38#19	20.46	20.82	30	PASS
				RB38#39	20.48	20.83	30	PASS
				RB75#0	20.38	20.74	30	PASS
		20	LCH	RB1#0	21.92	22.22	30	PASS
				RB1#50	21.37	21.65	30	PASS
				RB1#99	22.06	22.43	30	PASS

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Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB50#0	20.46	20.90	30	PASS
				RB50#25	20.44	20.75	30	PASS
				RB50#50	20.51	20.72	30	PASS
				RB100#0	20.48	20.71	30	PASS
			MCH	RB1#0	22.01	22.45	30	PASS
				RB1#50	21.81	22.17	30	PASS
				RB1#99	22.03	22.27	30	PASS
				RB50#0	20.49	20.81	30	PASS
				RB50#25	20.48	20.92	30	PASS
				RB50#50	20.5	20.87	30	PASS
				RB100#0	20.61	21.03	30	PASS
			HCH	RB1#0	21.84	22.09	30	PASS
				RB1#50	21.3	21.66	30	PASS
				RB1#99	21.85	22.09	30	PASS
				RB50#0	20.5	20.74	30	PASS
				RB50#25	20.43	20.71	30	PASS
				RB50#50	20.48	20.71	30	PASS

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Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB100#0	20.52	20.94	30	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:

SET Span = 1.5 * OBW

SET RBW = 1% of the OBW,not to exceed 1MHz

SET VBW >= 3 * RBW

SET Sweep time = auto - couple.

Detector: RMS

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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
BAND4	LTE/TM1	1.4	LCH	RB1#0	2.98	13	PASS
				RB1#3	3.28	13	PASS
				RB1#5	3.16	13	PASS
				RB3#0	3.72	13	PASS
				RB3#2	3.6	13	PASS
				RB3#3	3.65	13	PASS
				RB6#0	5.2	13	PASS
			MCH	RB1#0	4.46	13	PASS
				RB1#3	4.58	13	PASS
				RB1#5	4.42	13	PASS
				RB3#0	5.13	13	PASS
				RB3#2	5.11	13	PASS
				RB3#3	5.05	13	PASS
				RB6#0	5.89	13	PASS
			HCH	RB1#0	3.81	13	PASS
				RB1#3	3.84	13	PASS
				RB1#5	3.76	13	PASS
				RB3#0	4.32	13	PASS
				RB3#2	4.21	13	PASS
				RB3#3	4.19	13	PASS
				RB6#0	5.82	13	PASS
		3	LCH	RB1#0	2.89	13	PASS
				RB1#7	3.68	13	PASS
				RB1#14	3.62	13	PASS
				RB8#0	4.95	13	PASS
				RB8#4	5.08	13	PASS
				RB8#7	5.23	13	PASS
				RB15#0	5.22	13	PASS
			MCH	RB1#0	4.61	13	PASS
				RB1#7	4.9	13	PASS
				RB1#14	4.55	13	PASS

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Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
				RB8#0	6	13	PASS
				RB8#4	5.93	13	PASS
				RB8#7	5.85	13	PASS
				RB15#0	5.84	13	PASS
			HCH	RB1#0	3.8	13	PASS
				RB1#7	3.93	13	PASS
				RB1#14	3.86	13	PASS
				RB8#0	5.45	13	PASS
				RB8#4	5.46	13	PASS
				RB8#7	5.54	13	PASS
				RB15#0	5.82	13	PASS
		5	LCH	RB1#0	2.98	13	PASS
				RB1#13	3.5	13	PASS
				RB1#24	4.15	13	PASS
				RB12#0	4.92	13	PASS
				RB12#6	5.08	13	PASS
				RB12#13	5.42	13	PASS
				RB25#0	5.5	13	PASS
			MCH	RB1#0	4.56	13	PASS
				RB1#13	4.41	13	PASS
				RB1#24	4.35	13	PASS
				RB12#0	5.97	13	PASS
				RB12#6	5.88	13	PASS
				RB12#13	5.88	13	PASS
				RB25#0	6.08	13	PASS
			HCH	RB1#0	3.86	13	PASS
				RB1#13	3.71	13	PASS
				RB1#24	3.79	13	PASS
				RB12#0	5.43	13	PASS
				RB12#6	5.25	13	PASS
				RB12#13	5.32	13	PASS
				RB25#0	5.77	13	PASS
		10	LCH	RB1#0	3.12	13	PASS
				RB1#25	4.28	13	PASS
				RB1#49	4.75	13	PASS
				RB25#0	5.37	13	PASS
				RB25#13	5.65	13	PASS
				RB25#25	5.96	13	PASS
				RB50#0	6.15	13	PASS

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Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
			MCH	RB1#0	4.65	13	PASS
				RB1#25	4.57	13	PASS
				RB1#49	4.51	13	PASS
				RB25#0	6.08	13	PASS
				RB25#13	5.98	13	PASS
				RB25#25	6	13	PASS
				RB50#0	6.07	13	PASS
			HCH	RB1#0	3.67	13	PASS
				RB1#25	4.05	13	PASS
				RB1#49	3.57	13	PASS
				RB25#0	5.42	13	PASS
				RB25#13	5.23	13	PASS
				RB25#25	5.44	13	PASS
				RB50#0	5.81	13	PASS
		15	LCH	RB1#0	3.12	13	PASS
				RB1#38	4.56	13	PASS
				RB1#74	4.55	13	PASS
				RB38#0	5.77	13	PASS
				RB38#19	6.07	13	PASS
				RB38#39	6.13	13	PASS
				RB75#0	6.16	13	PASS
			MCH	RB1#0	4.68	13	PASS
				RB1#38	4.63	13	PASS
				RB1#74	4.52	13	PASS
				RB38#0	6.09	13	PASS
				RB38#19	5.93	13	PASS
				RB38#39	6.1	13	PASS
				RB75#0	6.62	13	PASS
			HCH	RB1#0	4.32	13	PASS
				RB1#38	3.74	13	PASS
				RB1#74	3.86	13	PASS
				RB38#0	5.5	13	PASS
				RB38#19	5.33	13	PASS
				RB38#39	5.51	13	PASS
				RB75#0	6	13	PASS
		20	LCH	RB1#0	3.14	13	PASS
				RB1#50	5.21	13	PASS
				RB1#99	4.93	13	PASS
				RB50#0	5.94	13	PASS

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Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
				RB50#25	6.11	13	PASS
				RB50#50	6.08	13	PASS
				RB100#0	6.37	13	PASS
			MCH	RB1#0	4.85	13	PASS
				RB1#50	4.91	13	PASS
				RB1#99	4.23	13	PASS
				RB50#0	6.09	13	PASS
				RB50#25	5.95	13	PASS
				RB50#50	5.92	13	PASS
				RB100#0	6.44	13	PASS
			HCH	RB1#0	4.46	13	PASS
				RB1#50	3.74	13	PASS
				RB1#99	3.72	13	PASS
				RB50#0	5.72	13	PASS
				RB50#25	5.51	13	PASS
				RB50#50	5.65	13	PASS
				RB100#0	5.96	13	PASS
	LTE/TM2	1.4	LCH	RB1#0	4.18	13	PASS
				RB1#3	4.49	13	PASS
				RB1#5	4.4	13	PASS
				RB3#0	4.68	13	PASS
				RB3#2	4.79	13	PASS
				RB3#3	4.84	13	PASS
				RB6#0	5.84	13	PASS
			MCH	RB1#0	5.96	13	PASS
				RB1#3	5.99	13	PASS
				RB1#5	5.79	13	PASS
				RB3#0	6.29	13	PASS
				RB3#2	6.62	13	PASS
				RB3#3	6.27	13	PASS
				RB6#0	6.54	13	PASS
			HCH	RB1#0	4.77	13	PASS
				RB1#3	4.82	13	PASS
				RB1#5	4.78	13	PASS
				RB3#0	5.75	13	PASS
				RB3#2	5.69	13	PASS
				RB3#3	5.78	13	PASS
				RB6#0	6.34	13	PASS
		3	LCH	RB1#0	4.02	13	PASS

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Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
				RB1#7	4.57	13	PASS
				RB1#14	4.92	13	PASS
				RB8#0	5.44	13	PASS
				RB8#4	5.65	13	PASS
				RB8#7	5.88	13	PASS
				RB15#0	6.07	13	PASS
			MCH	RB1#0	6.1	13	PASS
				RB1#7	6.2	13	PASS
				RB1#14	6.04	13	PASS
				RB8#0	6.57	13	PASS
				RB8#4	6.48	13	PASS
				RB8#7	6.45	13	PASS
				RB15#0	6.71	13	PASS
			HCH	RB1#0	4.74	13	PASS
				RB1#7	4.89	13	PASS
				RB1#14	4.81	13	PASS
				RB8#0	6.26	13	PASS
				RB8#4	6.22	13	PASS
				RB8#7	6.45	13	PASS
				RB15#0	6.44	13	PASS
		5	LCH	RB1#0	3.98	13	PASS
				RB1#13	4.68	13	PASS
				RB1#24	5.2	13	PASS
				RB12#0	5.58	13	PASS
				RB12#6	5.69	13	PASS
				RB12#13	6.22	13	PASS
				RB25#0	6.34	13	PASS
			MCH	RB1#0	5.49	13	PASS
				RB1#13	5.48	13	PASS
				RB1#24	5.27	13	PASS
				RB12#0	6.67	13	PASS
				RB12#6	6.54	13	PASS
				RB12#13	6.65	13	PASS
				RB25#0	6.98	13	PASS
			HCH	RB1#0	4.75	13	PASS
				RB1#13	4.72	13	PASS
				RB1#24	4.78	13	PASS
				RB12#0	6.08	13	PASS
				RB12#6	6.02	13	PASS

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Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
				RB12#13	6.11	13	PASS
				RB25#0	6.49	13	PASS
		10	LCH	RB1#0	4.05	13	PASS
				RB1#25	5.48	13	PASS
				RB1#49	5.95	13	PASS
				RB25#0	6.07	13	PASS
				RB25#13	6.51	13	PASS
				RB25#25	6.83	13	PASS
				RB50#0	6.9	13	PASS
			MCH	RB1#0	6.01	13	PASS
				RB1#25	5.96	13	PASS
				RB1#49	5.68	13	PASS
				RB25#0	6.94	13	PASS
				RB25#13	6.74	13	PASS
				RB25#25	6.72	13	PASS
				RB50#0	7.11	13	PASS
			HCH	RB1#0	4.99	13	PASS
				RB1#25	4.81	13	PASS
				RB1#49	4.79	13	PASS
				RB25#0	6.27	13	PASS
				RB25#13	6.12	13	PASS
				RB25#25	6.29	13	PASS
				RB50#0	6.62	13	PASS
		15	LCH	RB1#0	4.24	13	PASS
				RB1#38	5.55	13	PASS
				RB1#74	5.59	13	PASS
				RB38#0	6.73	13	PASS
				RB38#19	6.98	13	PASS
				RB38#39	6.98	13	PASS
				RB75#0	7.02	13	PASS
			MCH	RB1#0	5.79	13	PASS
				RB1#38	5.72	13	PASS
				RB1#74	5.44	13	PASS
				RB38#0	7.01	13	PASS
				RB38#19	6.76	13	PASS
				RB38#39	6.9	13	PASS
				RB75#0	7.32	13	PASS
			HCH	RB1#0	5.11	13	PASS
				RB1#38	4.69	13	PASS

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Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
				RB1#74	4.77	13	PASS
				RB38#0	6.54	13	PASS
				RB38#19	6.15	13	PASS
				RB38#39	6.35	13	PASS
				RB75#0	6.71	13	PASS
		20	LCH	RB1#0	4.08	13	PASS
				RB1#50	5.78	13	PASS
				RB1#99	5.54	13	PASS
				RB50#0	6.92	13	PASS
				RB50#25	6.85	13	PASS
				RB50#50	6.94	13	PASS
				RB100#0	7	13	PASS
			MCH	RB1#0	5.73	13	PASS
				RB1#50	5.87	13	PASS
				RB1#99	5.17	13	PASS
				RB50#0	6.97	13	PASS
				RB50#25	6.82	13	PASS
				RB50#50	6.93	13	PASS
				RB100#0	7.16	13	PASS
			HCH	RB1#0	5.34	13	PASS
				RB1#50	5	13	PASS
				RB1#99	4.7	13	PASS
				RB50#0	6.61	13	PASS
				RB50#25	6.44	13	PASS
				RB50#50	6.4	13	PASS
				RB100#0	6.94	13	PASS

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3Appendix_C: Modulation Characteristics

Part I - Test Plots

3.1 For LTE

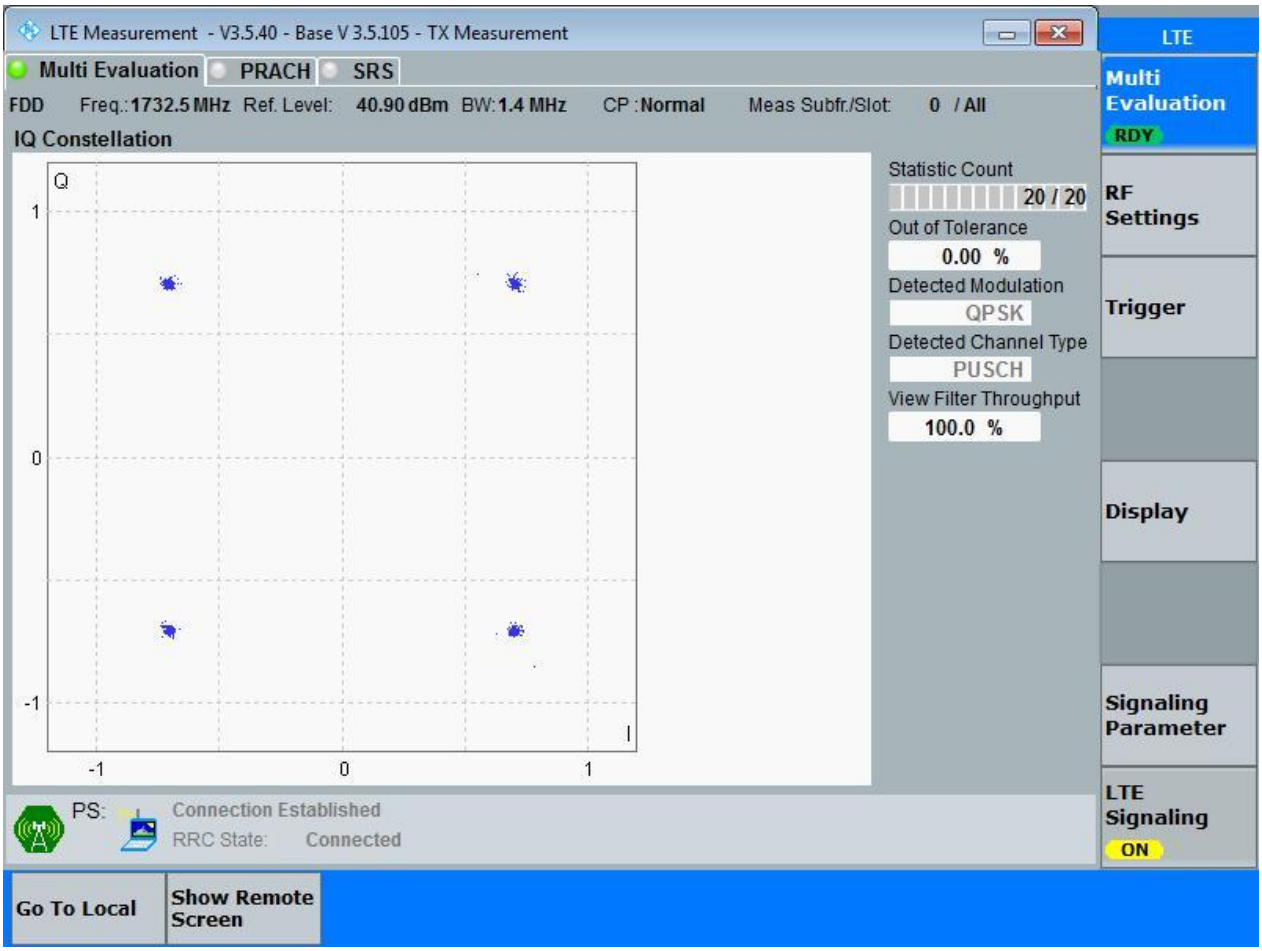
3.1.1 Test Band = BAND4

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



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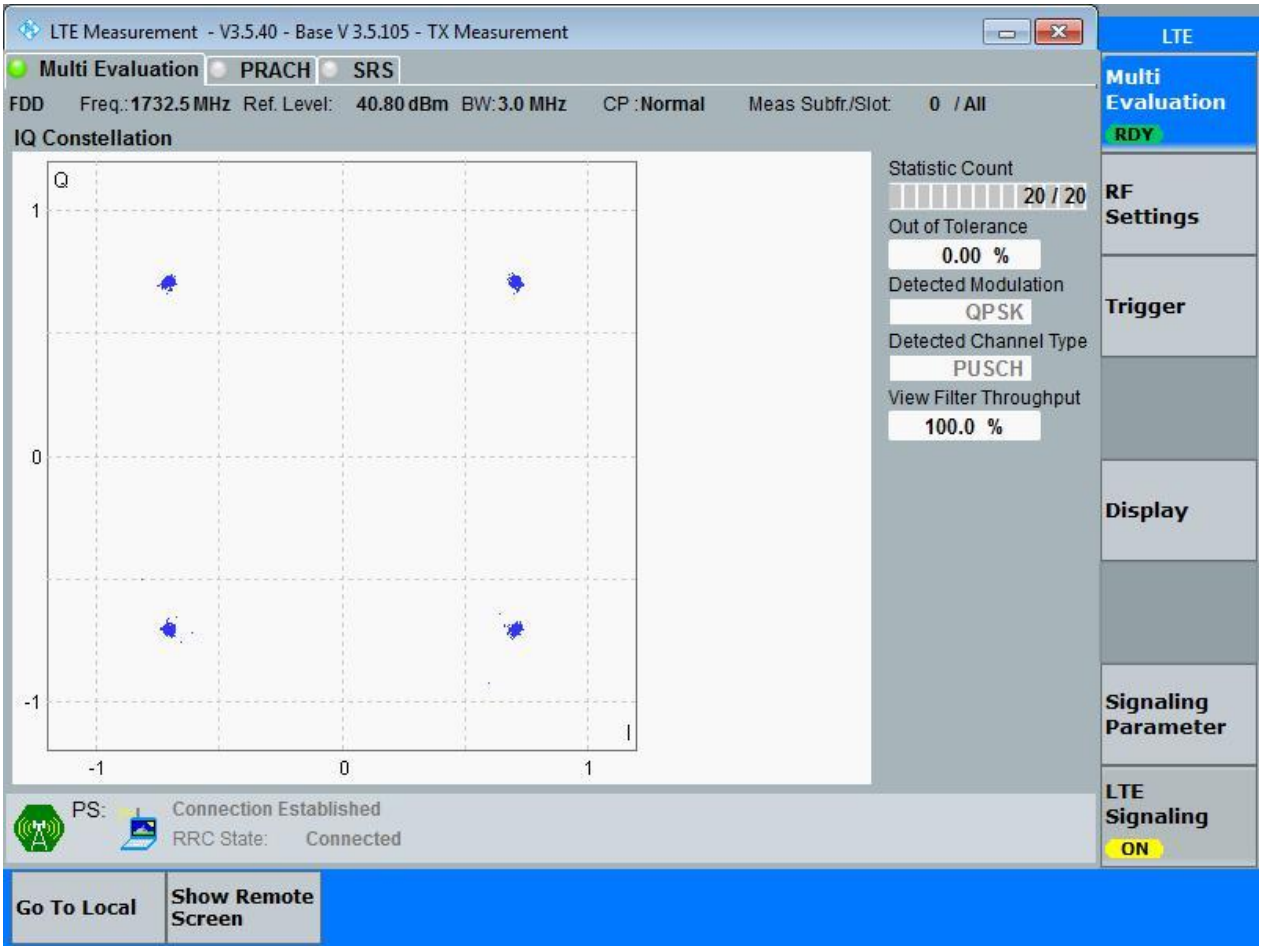
3.1.1.1.2 Test Bandwidth = 3

3.1.1.1.2.1 Test Channel = MCH

3.1.1.1.2.1.1 Test RB = RB15#0



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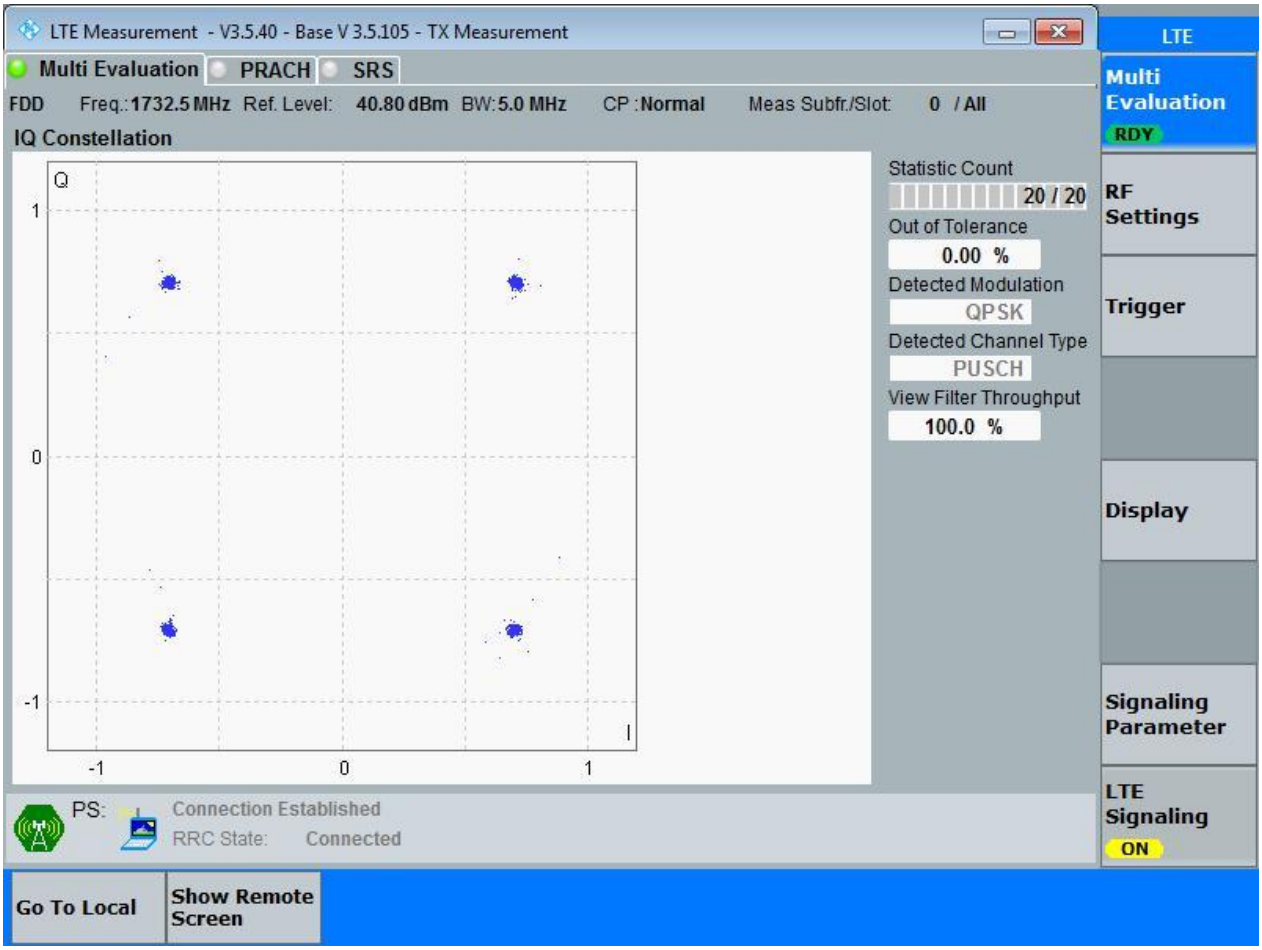
3.1.1.1.3 Test Bandwidth = 5

3.1.1.1.3.1 Test Channel = MCH

3.1.1.1.3.1.1 Test RB = RB25#0



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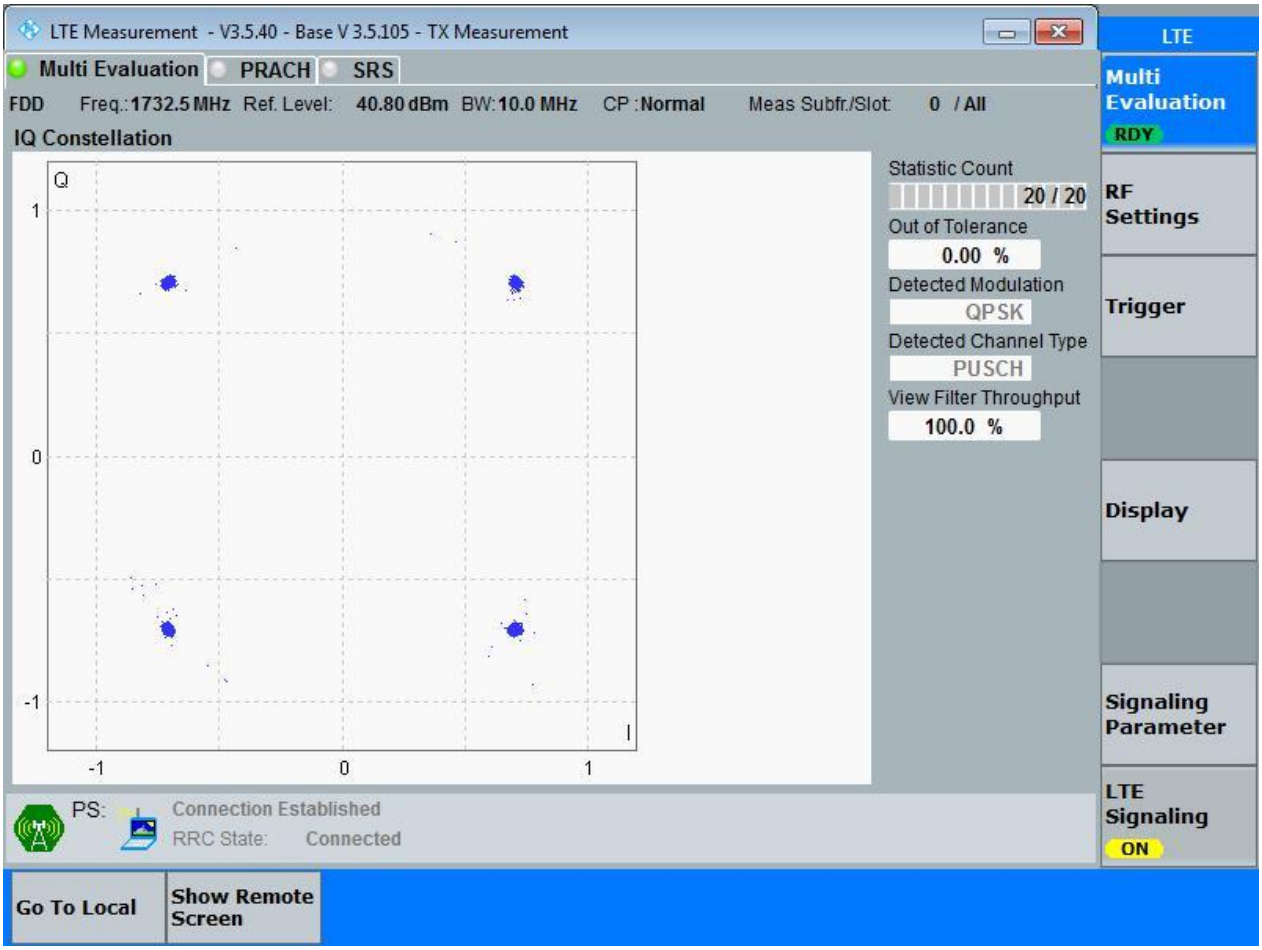
3.1.1.1.4 Test Bandwidth = 10

3.1.1.1.4.1 Test Channel = MCH

3.1.1.1.4.1.1 Test RB = RB50#0



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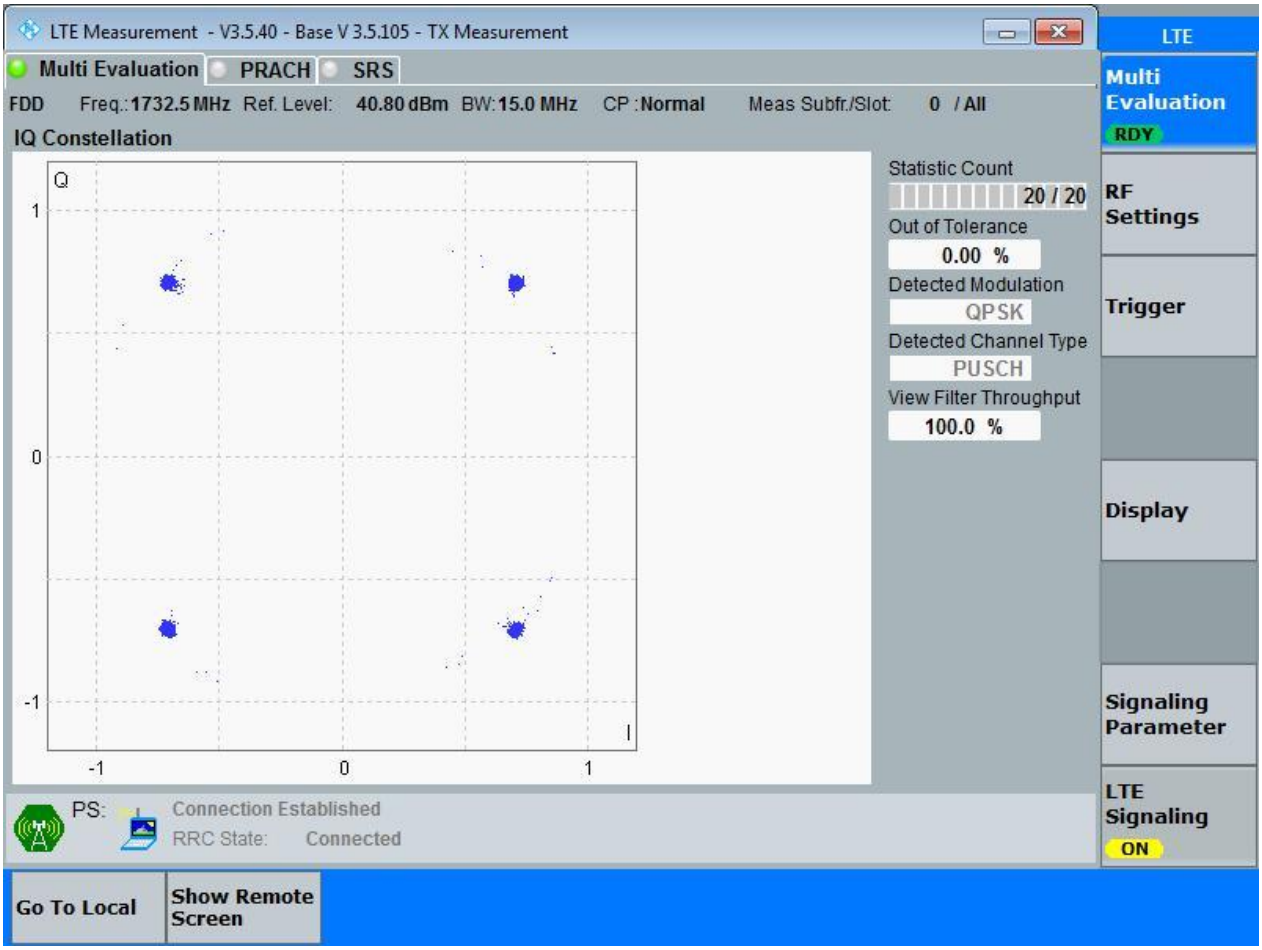
3.1.1.1.5 Test Bandwidth = 15

3.1.1.1.5.1 Test Channel = MCH

3.1.1.1.5.1.1 Test RB = RB75#0



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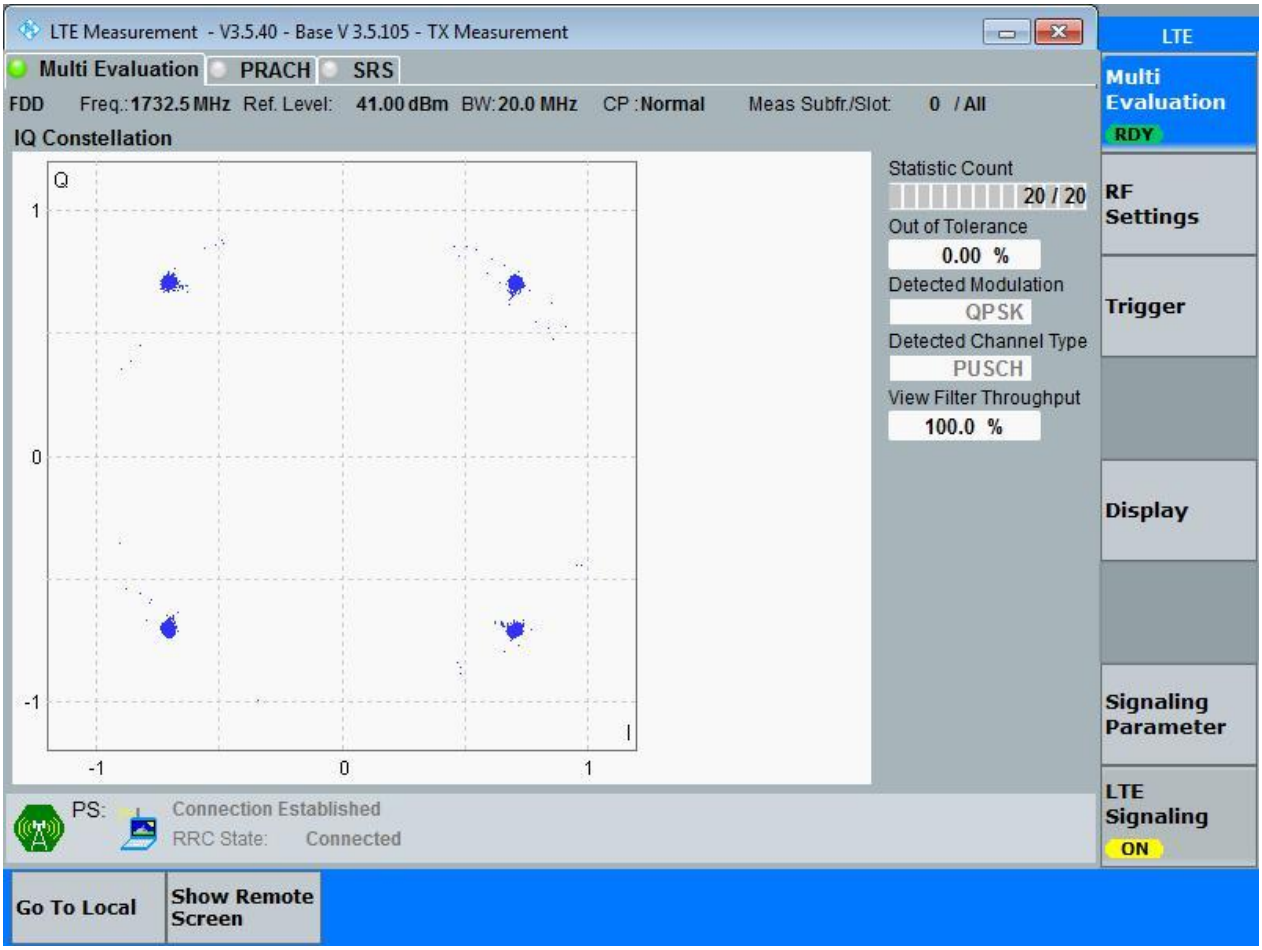
3.1.1.1.6 Test Bandwidth = 20

3.1.1.1.6.1 Test Channel = MCH

3.1.1.1.6.1.1 Test RB = RB100#0



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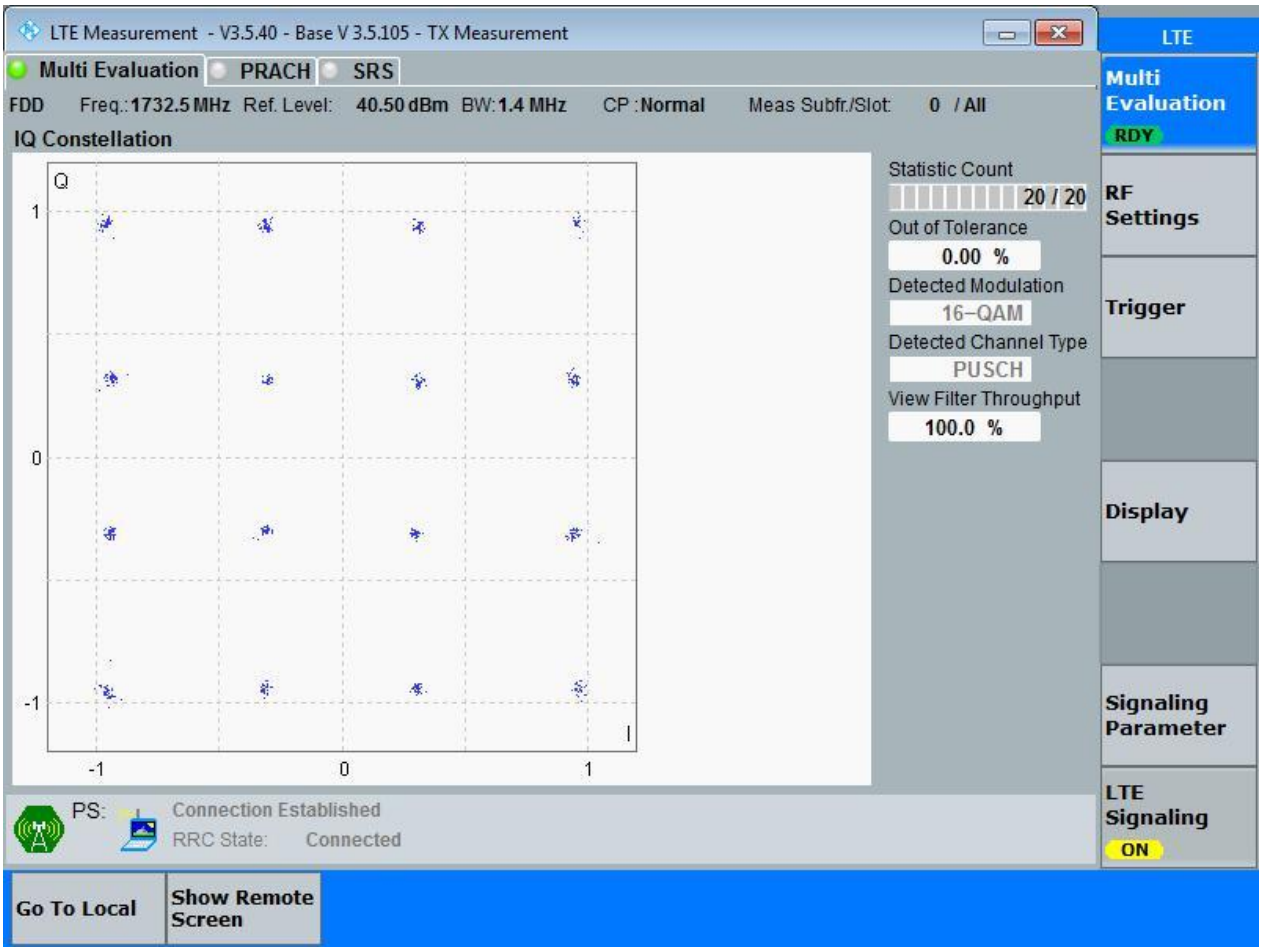
3.1.1.2 Test Mode = LTE/TM2

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



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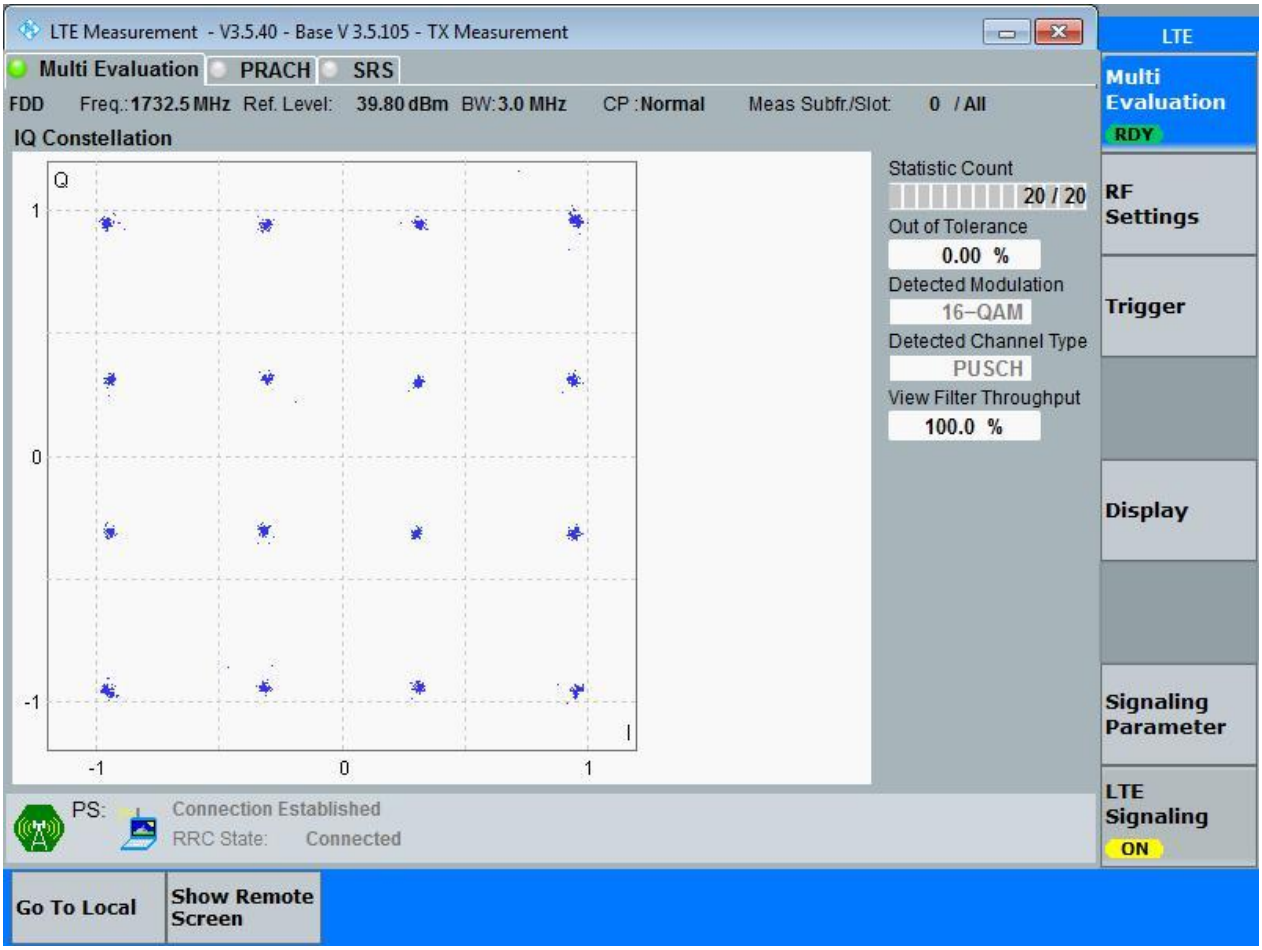
3.1.1.2.2 Test Bandwidth = 3

3.1.1.2.2.1 Test Channel = MCH

3.1.1.2.2.1.1 Test RB = RB15#0



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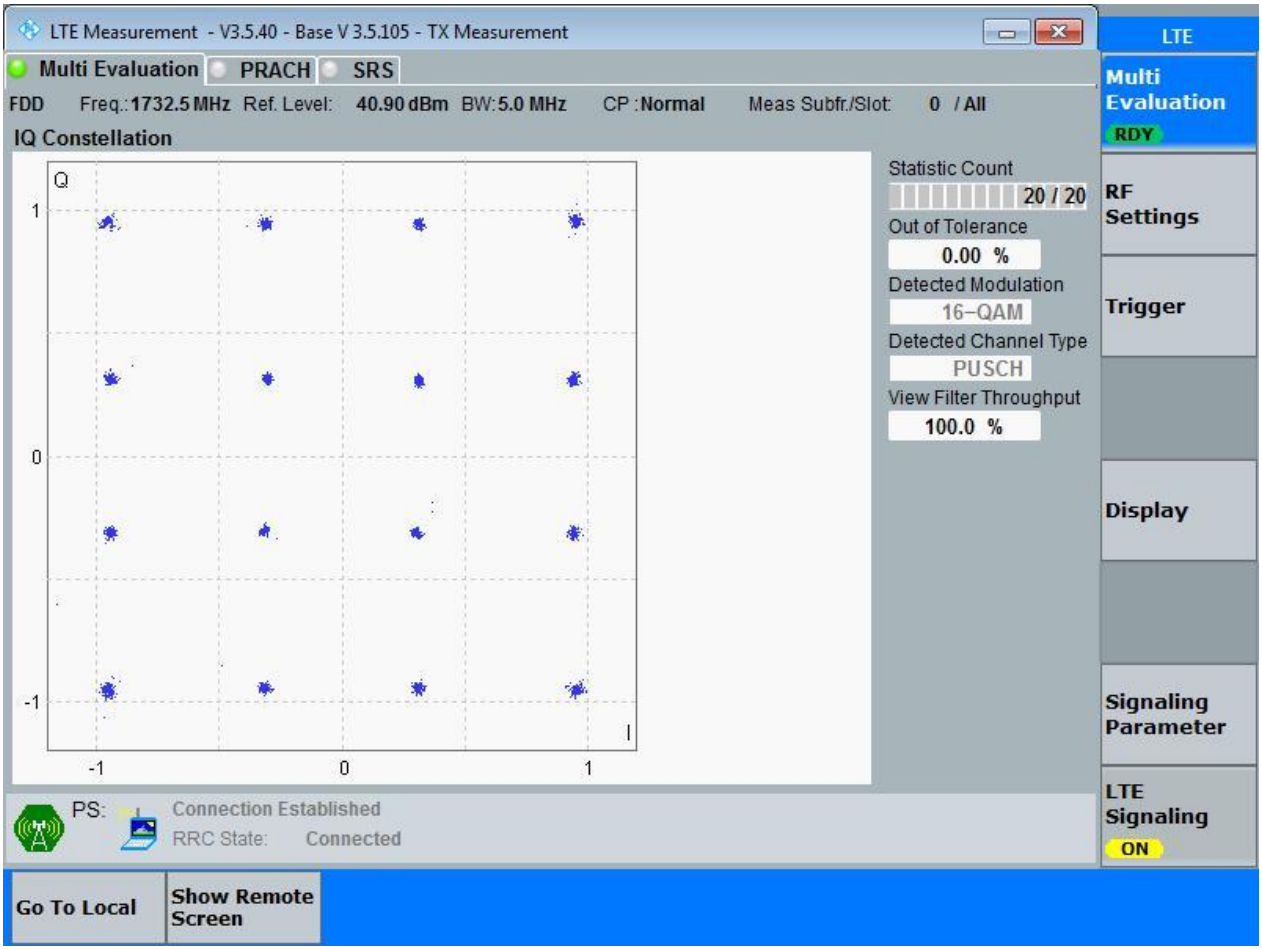
3.1.1.2.3 Test Bandwidth = 5

3.1.1.2.3.1 Test Channel = MCH

3.1.1.2.3.1.1 Test RB = RB25#0



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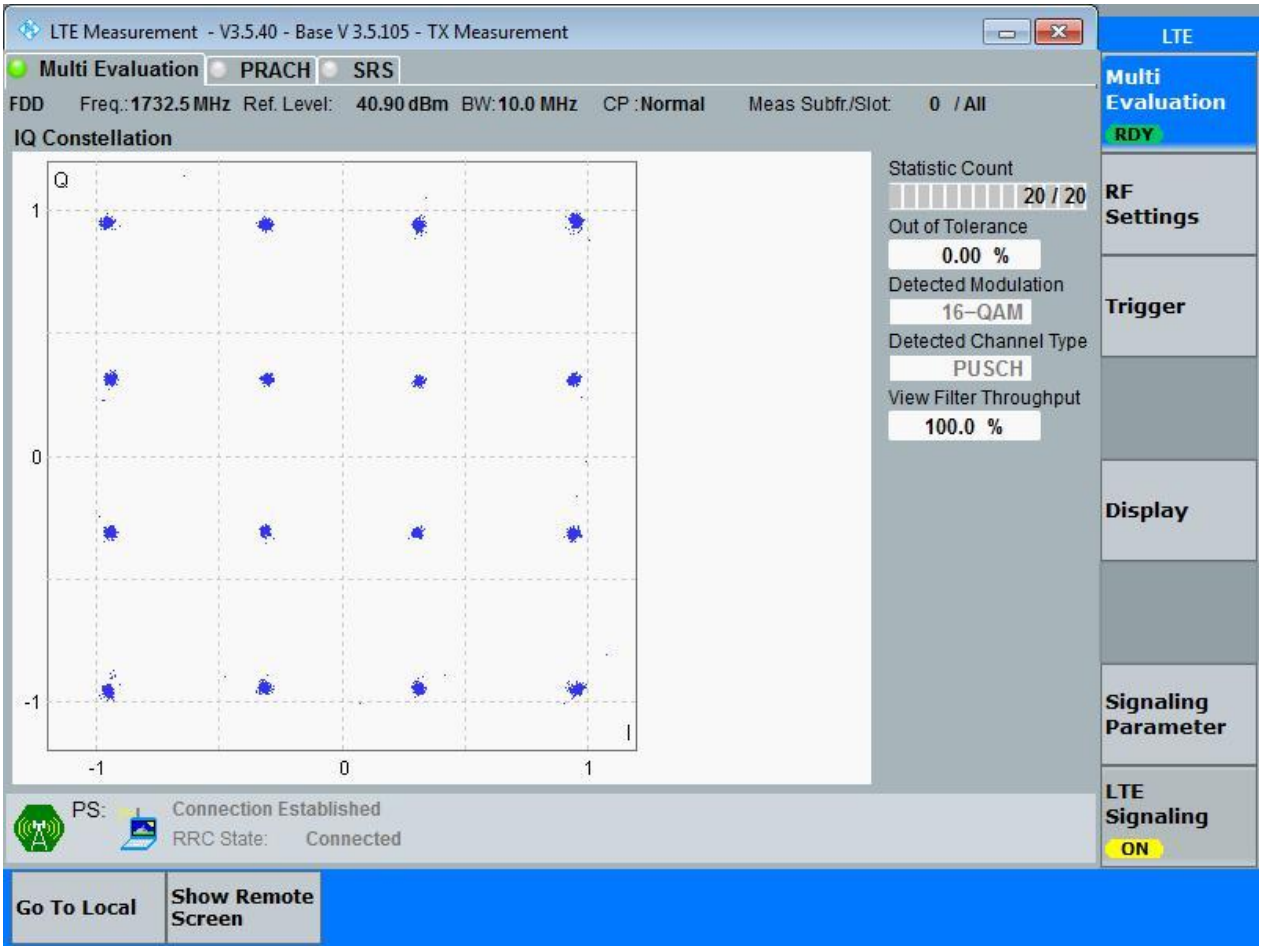
3.1.1.2.4 Test Bandwidth = 10

3.1.1.2.4.1 Test Channel = MCH

3.1.1.2.4.1.1 Test RB = RB50#0



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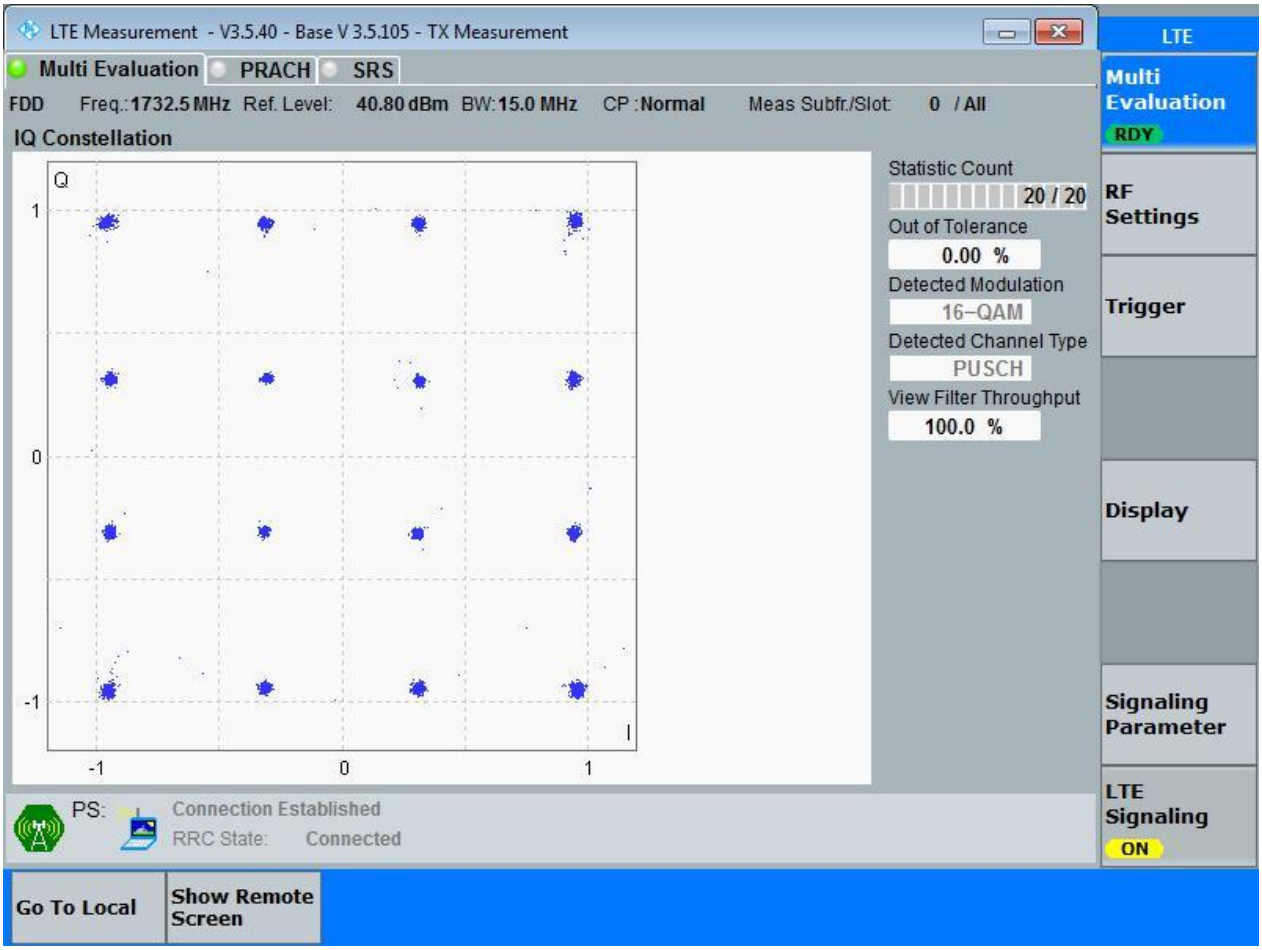
3.1.1.2.5 Test Bandwidth = 15

3.1.1.2.5.1 Test Channel = MCH

3.1.1.2.5.1.1 Test RB = RB75#0



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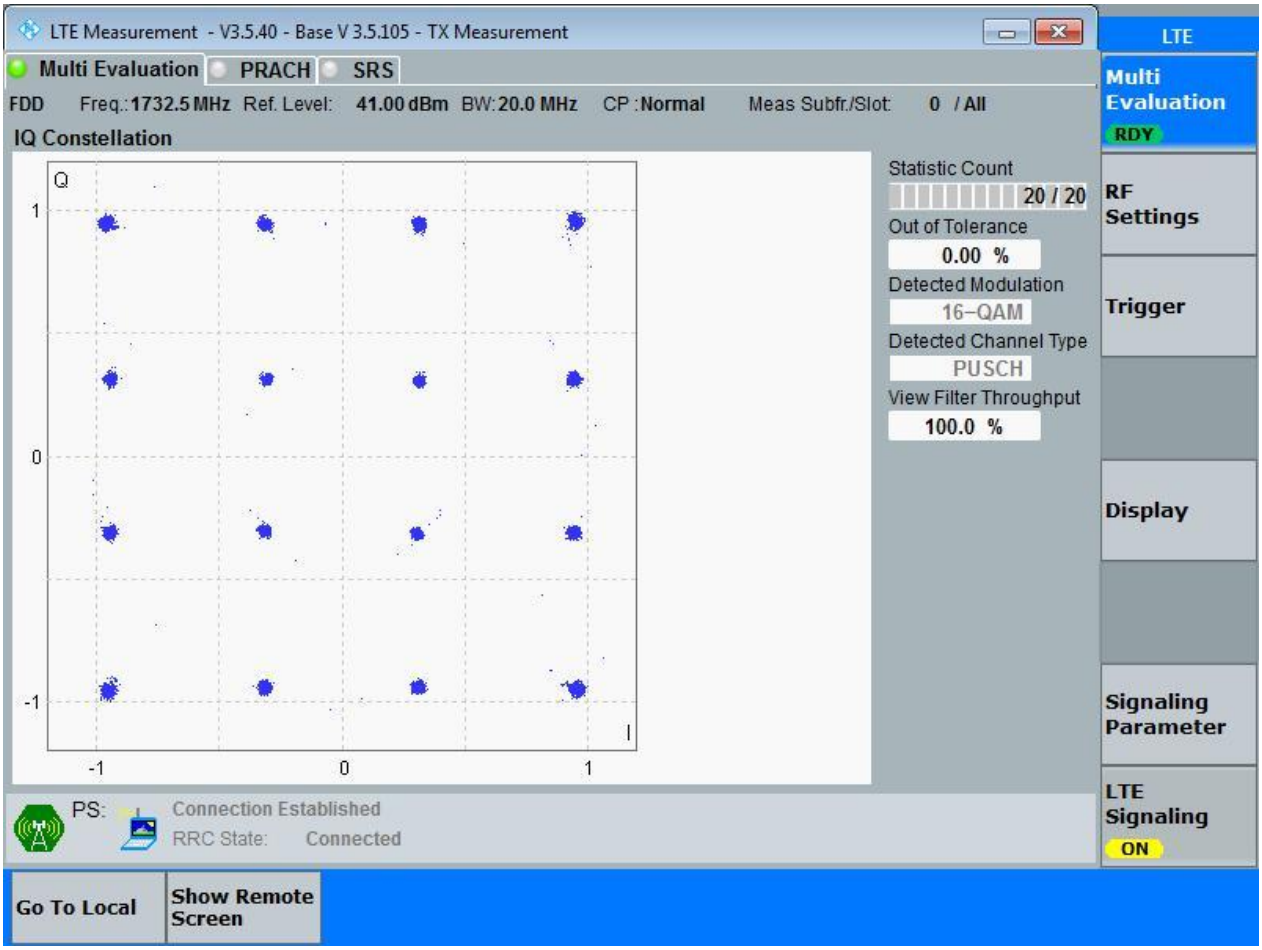
3.1.1.2.6 Test Bandwidth = 20

3.1.1.2.6.1 Test Channel = MCH

3.1.1.2.6.1.1 Test RB = RB100#0



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4Appendix_D: Bandwidth

Part I - Test Results

Test Band	Test Mode	Test Bandwidth	Test Channel	Test RB	Occupied Bandwidth [MHz]	Emission Bandwidth [MHz]	Verdict
BAND4	LTE/TM1	1.4	LCH	RB6#0	1.10	1.62	Pass
			MCH	RB6#0	1.10	1.23	Pass
			HCH	RB6#0	1.10	1.26	Pass
		3	LCH	RB15#0	2.72	3.60	Pass
			MCH	RB15#0	2.72	3.64	Pass
			HCH	RB15#0	2.72	3.47	Pass
		5	LCH	RB25#0	4.54	5.59	Pass
			MCH	RB25#0	4.52	5.48	Pass
			HCH	RB25#0	4.51	5.47	Pass
		10	LCH	RB50#0	9.01	10.11	Pass
			MCH	RB50#0	9.02	10.39	Pass
			HCH	RB50#0	9.00	10.29	Pass
		15	LCH	RB75#0	13.55	15.03	Pass
			MCH	RB75#0	13.55	15.03	Pass
			HCH	RB75#0	13.50	15.01	Pass
		20	LCH	RB100#0	18.09	22.09	Pass
			MCH	RB100#0	18.08	19.90	Pass
			HCH	RB100#0	17.98	19.76	Pass
	LTE/TM2	1.4	LCH	RB6#0	1.10	1.26	Pass
			MCH	RB6#0	1.10	1.25	Pass
			HCH	RB6#0	1.10	1.23	Pass
		3	LCH	RB15#0	2.72	3.80	Pass
			MCH	RB15#0	2.72	3.34	Pass
			HCH	RB15#0	2.71	3.60	Pass
		5	LCH	RB25#0	4.52	5.64	Pass
			MCH	RB25#0	4.53	5.52	Pass
			HCH	RB25#0	4.54	5.52	Pass
		10	LCH	RB50#0	9.00	10.24	Pass
			MCH	RB50#0	9.00	10.31	Pass
			HCH	RB50#0	9.00	10.27	Pass

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Test Band	Test Mode	Test Bandwidth	Test Channel	Test RB	Occupied Bandwidth [MHz]	Emission Bandwidth [MHz]	Verdict
		15	LCH	RB75#0	13.53	14.92	Pass
			MCH	RB75#0	13.56	15.16	Pass
			HCH	RB75#0	13.51	14.96	Pass
		20	LCH	RB100#0	18.05	19.89	Pass
			MCH	RB100#0	18.10	20.06	Pass
			HCH	RB100#0	18.01	19.85	Pass

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Part II - Test Plots

4.1 For LTE

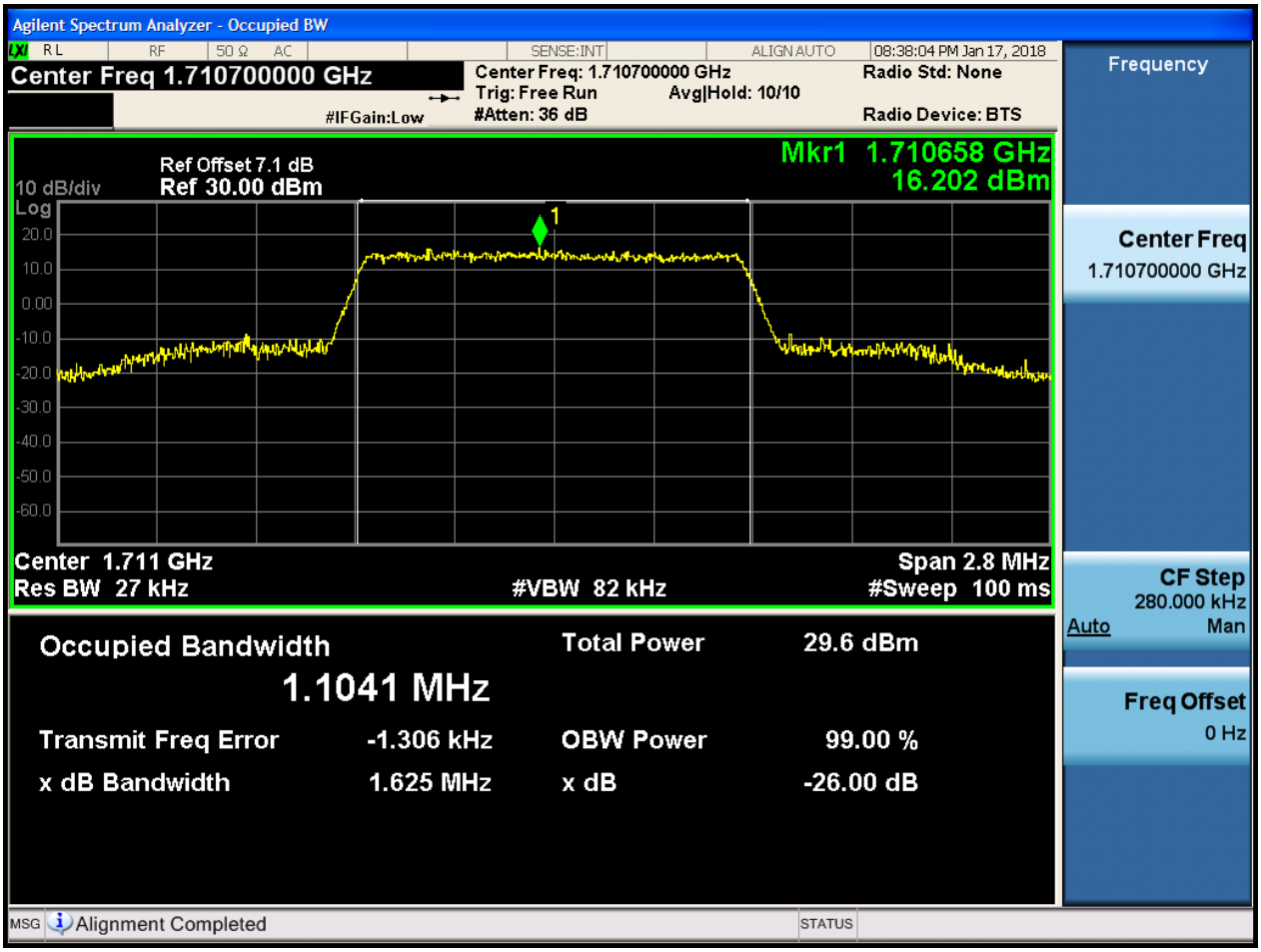
4.1.1 Test Band = BAND4

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



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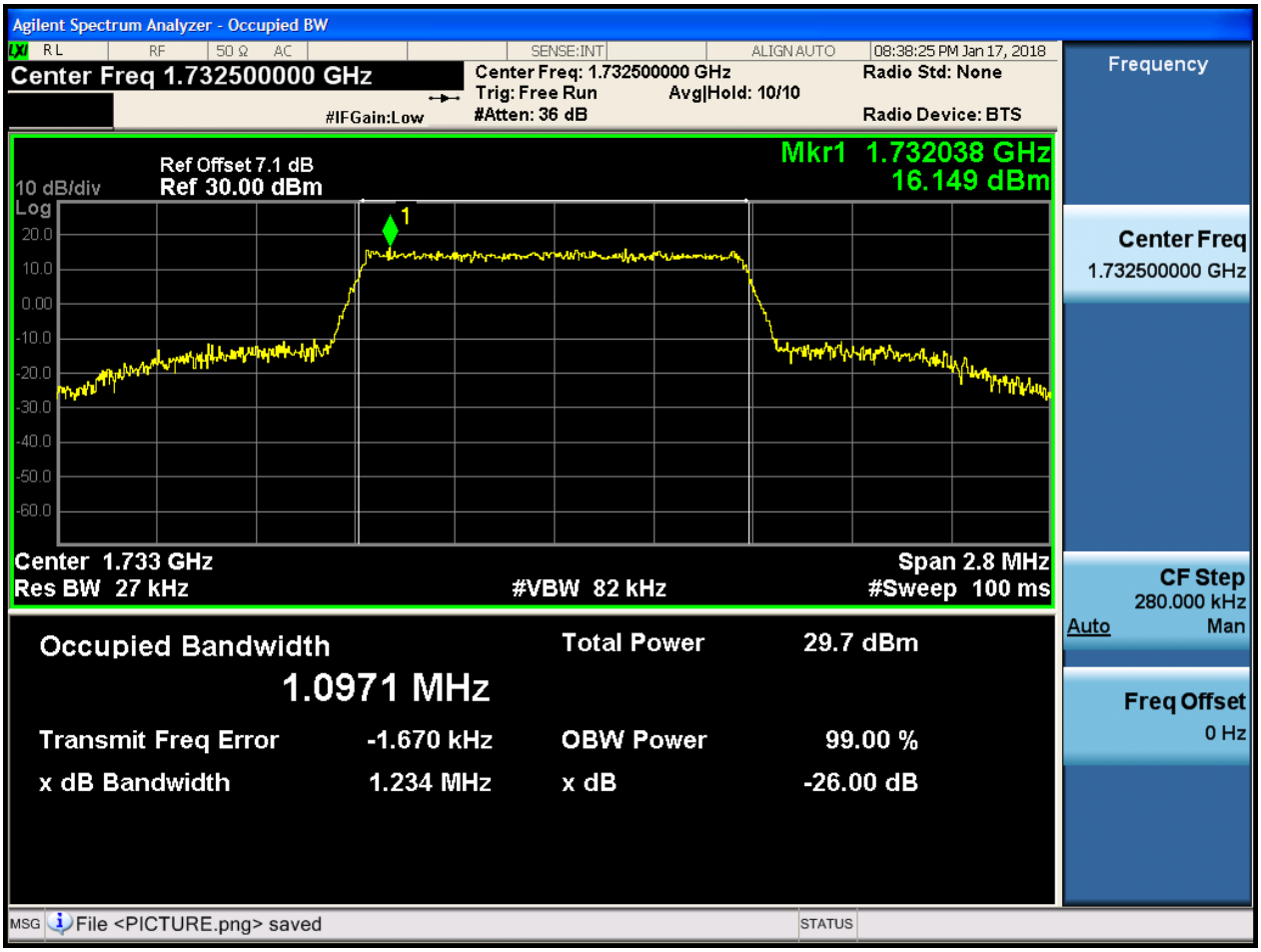
4.1.1.1.1.2 Test Channel = MCH

4.1.1.1.1.2.1 Test RB = RB6#0



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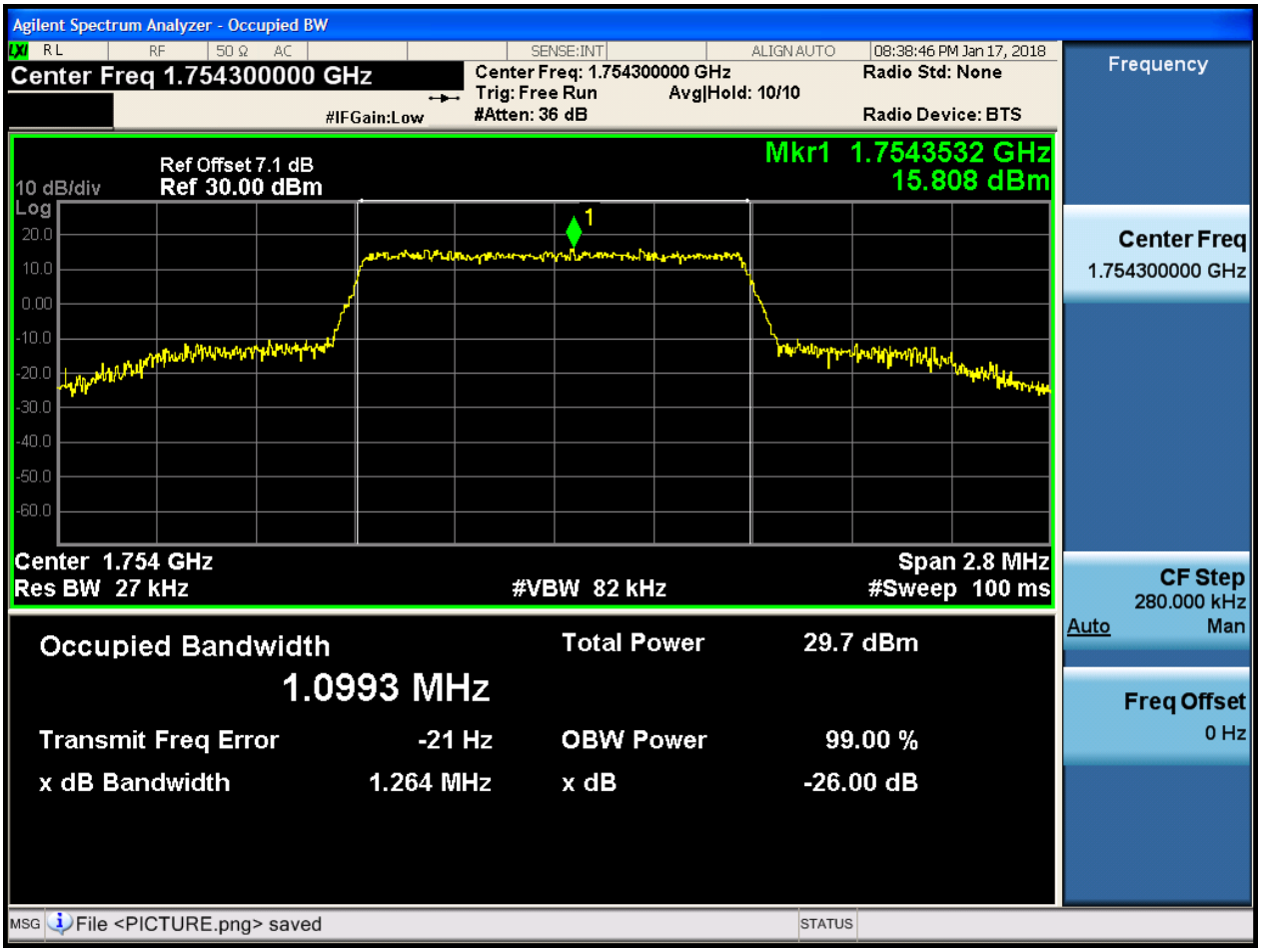
4.1.1.1.1.3 Test Channel = HCH

4.1.1.1.1.3.1 Test RB = RB6#0



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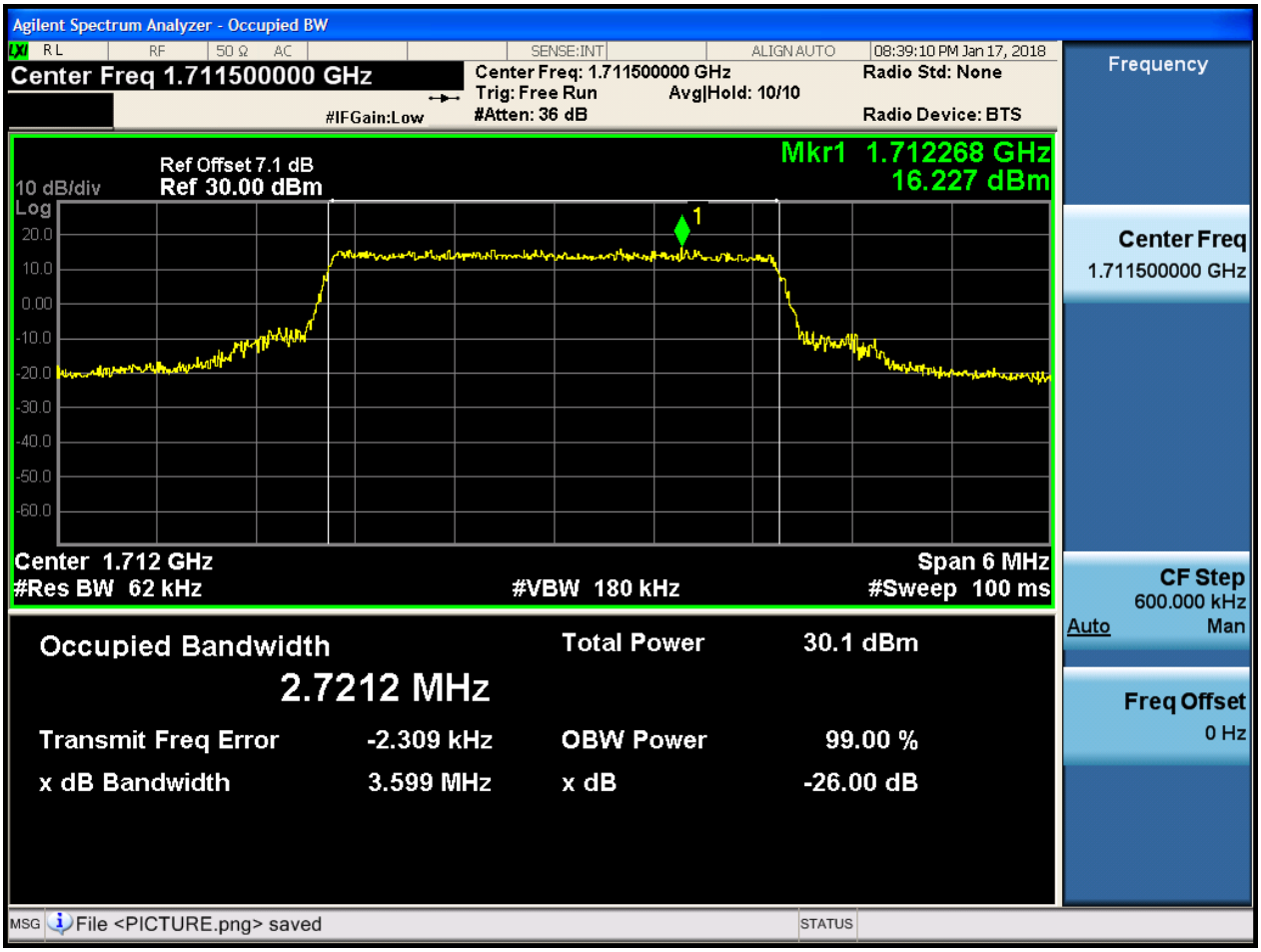
4.1.1.1.2 Test Bandwidth = 3

4.1.1.1.2.1 Test Channel = LCH

4.1.1.1.2.1.1 Test RB = RB15#0



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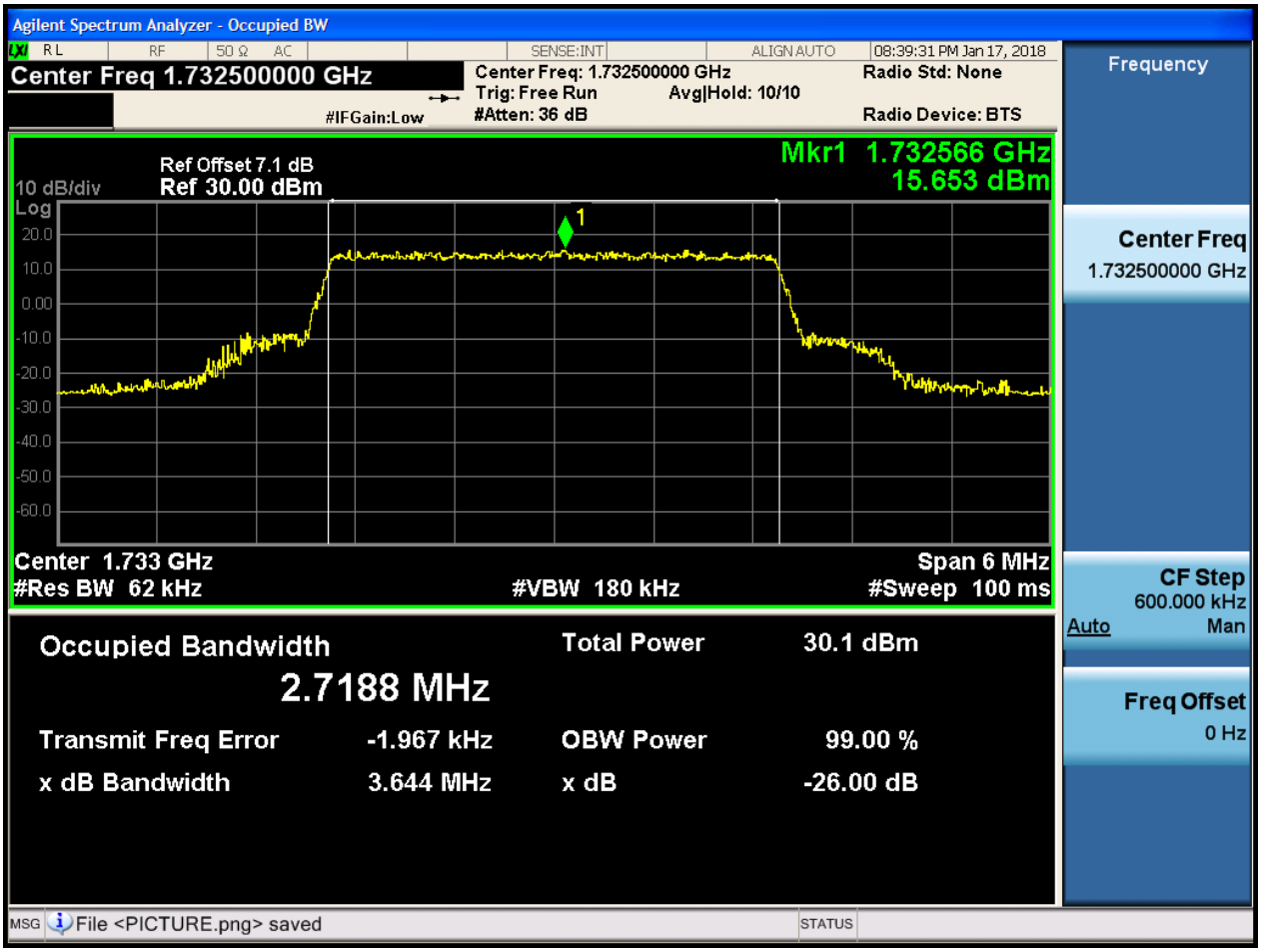
4.1.1.1.2.2 Test Channel = MCH

4.1.1.1.2.2.1 Test RB = RB15#0



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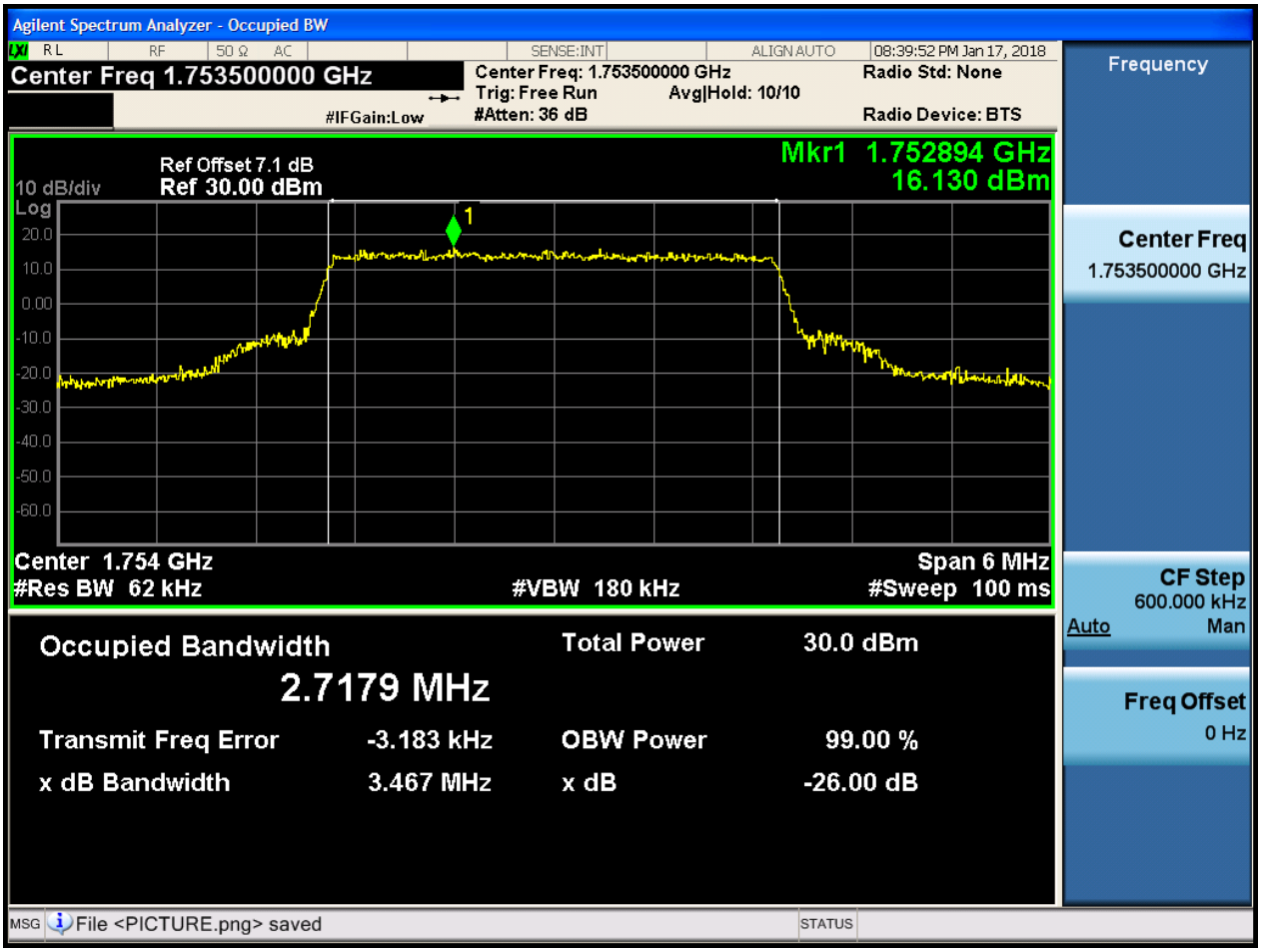
4.1.1.1.2.3 Test Channel = HCH

4.1.1.1.2.3.1 Test RB = RB15#0



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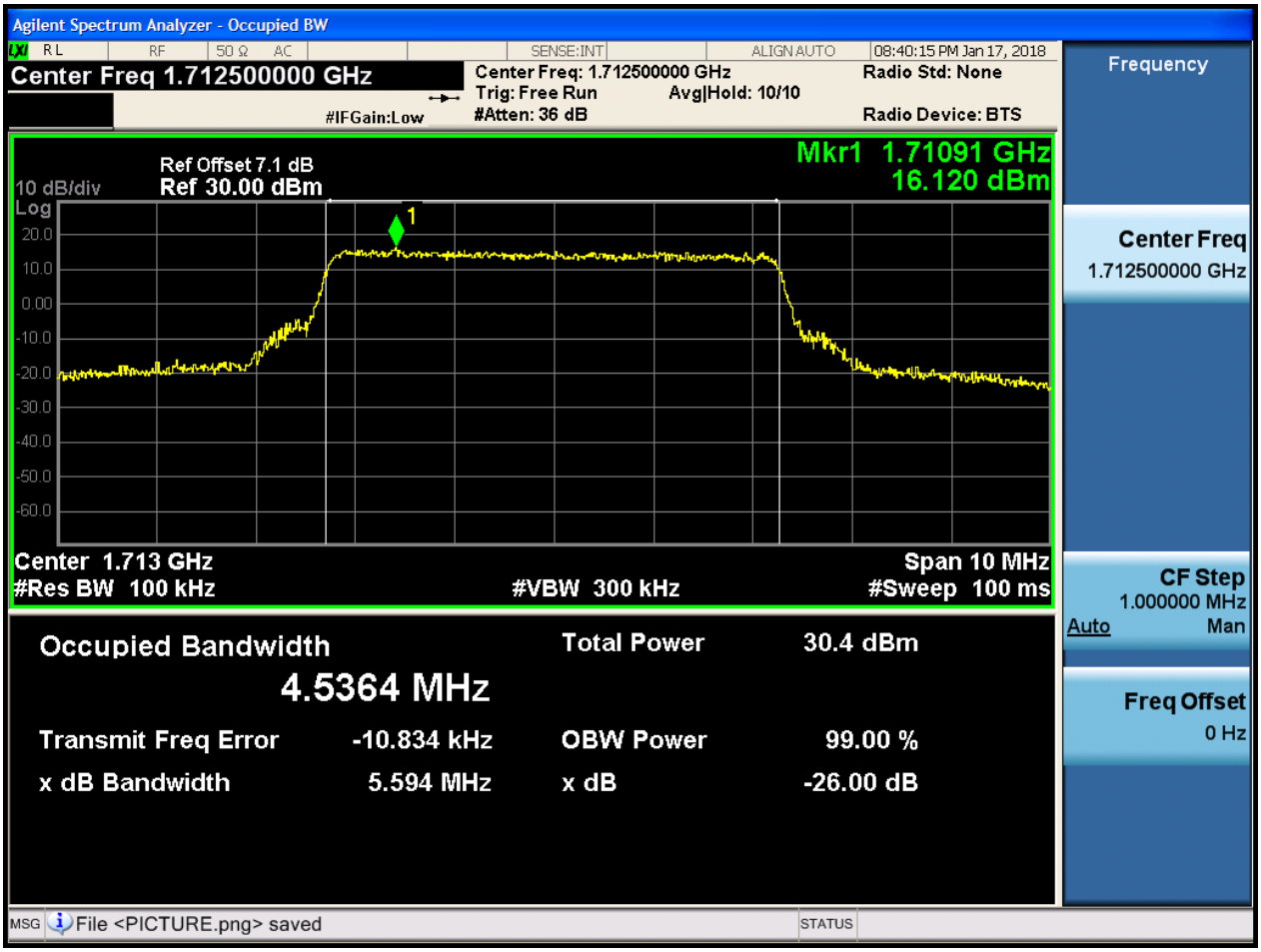
4.1.1.1.3 Test Bandwidth = 5

4.1.1.1.3.1 Test Channel = LCH

4.1.1.1.3.1.1 Test RB = RB25#0



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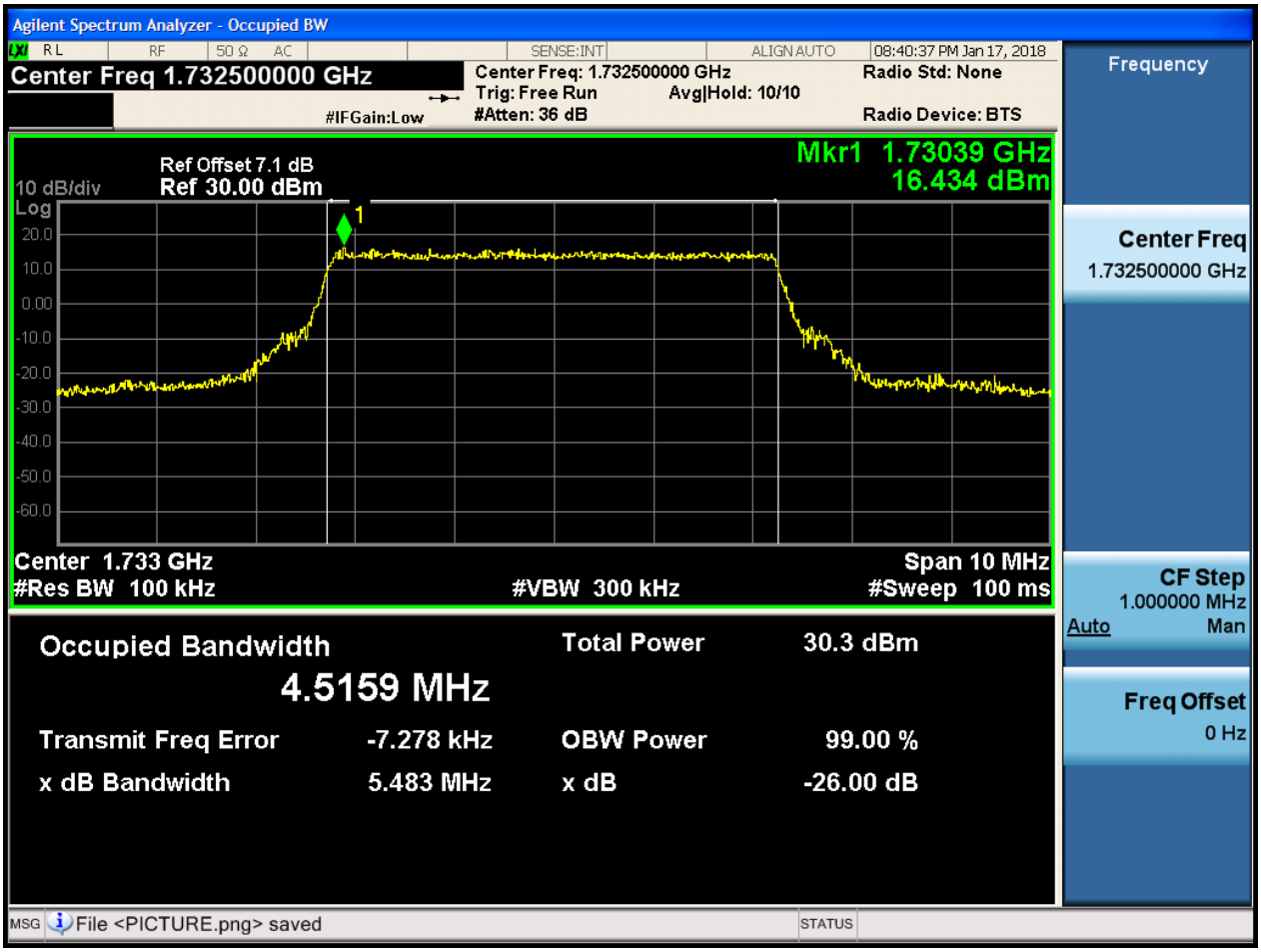
4.1.1.1.3.2 Test Channel = MCH

4.1.1.1.3.2.1 Test RB = RB25#0



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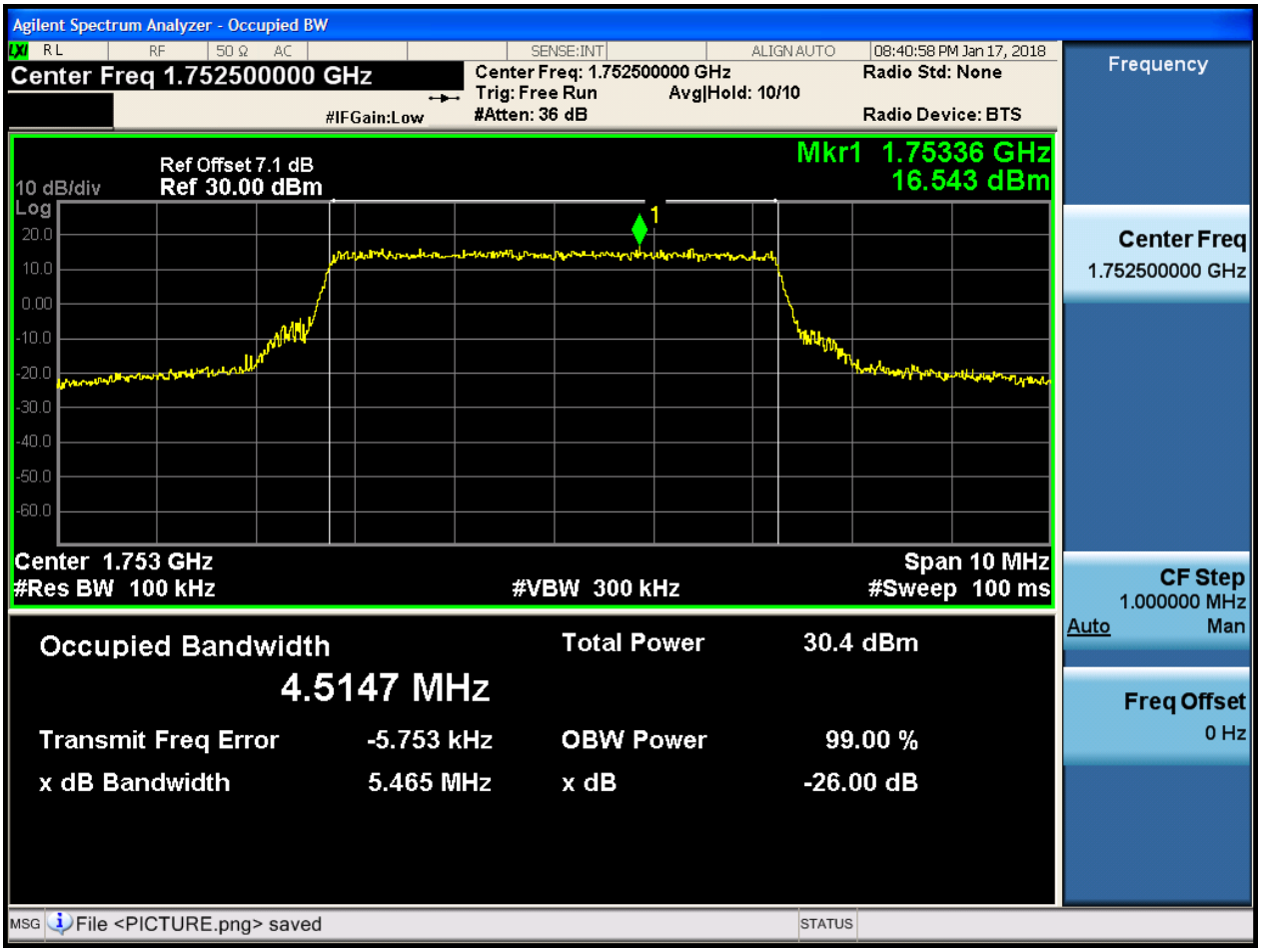
4.1.1.1.3.3 Test Channel = HCH

4.1.1.1.3.3.1 Test RB = RB25#0



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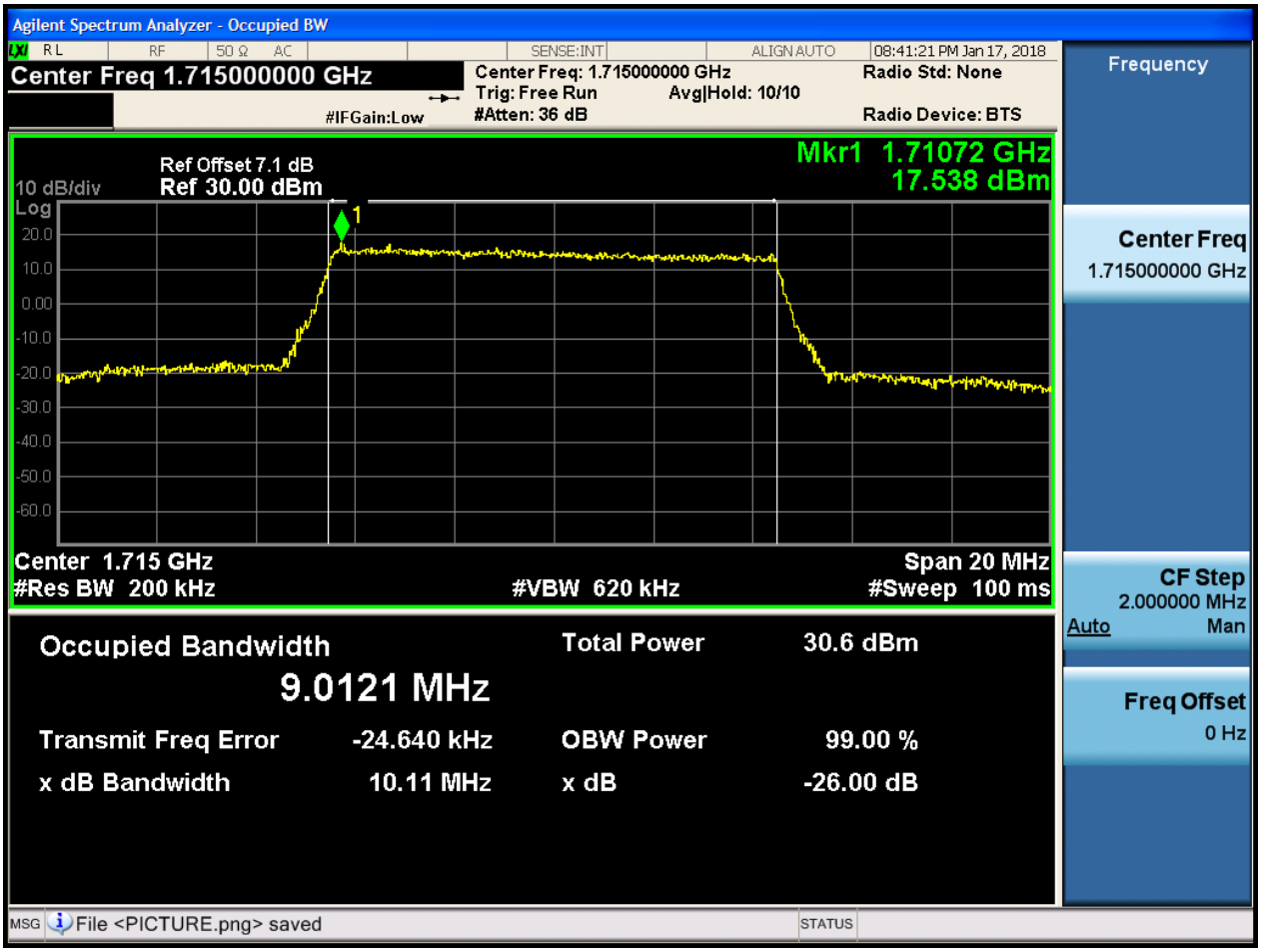
4.1.1.1.4 Test Bandwidth = 10

4.1.1.1.4.1 Test Channel = LCH

4.1.1.1.4.1.1 Test RB = RB50#0



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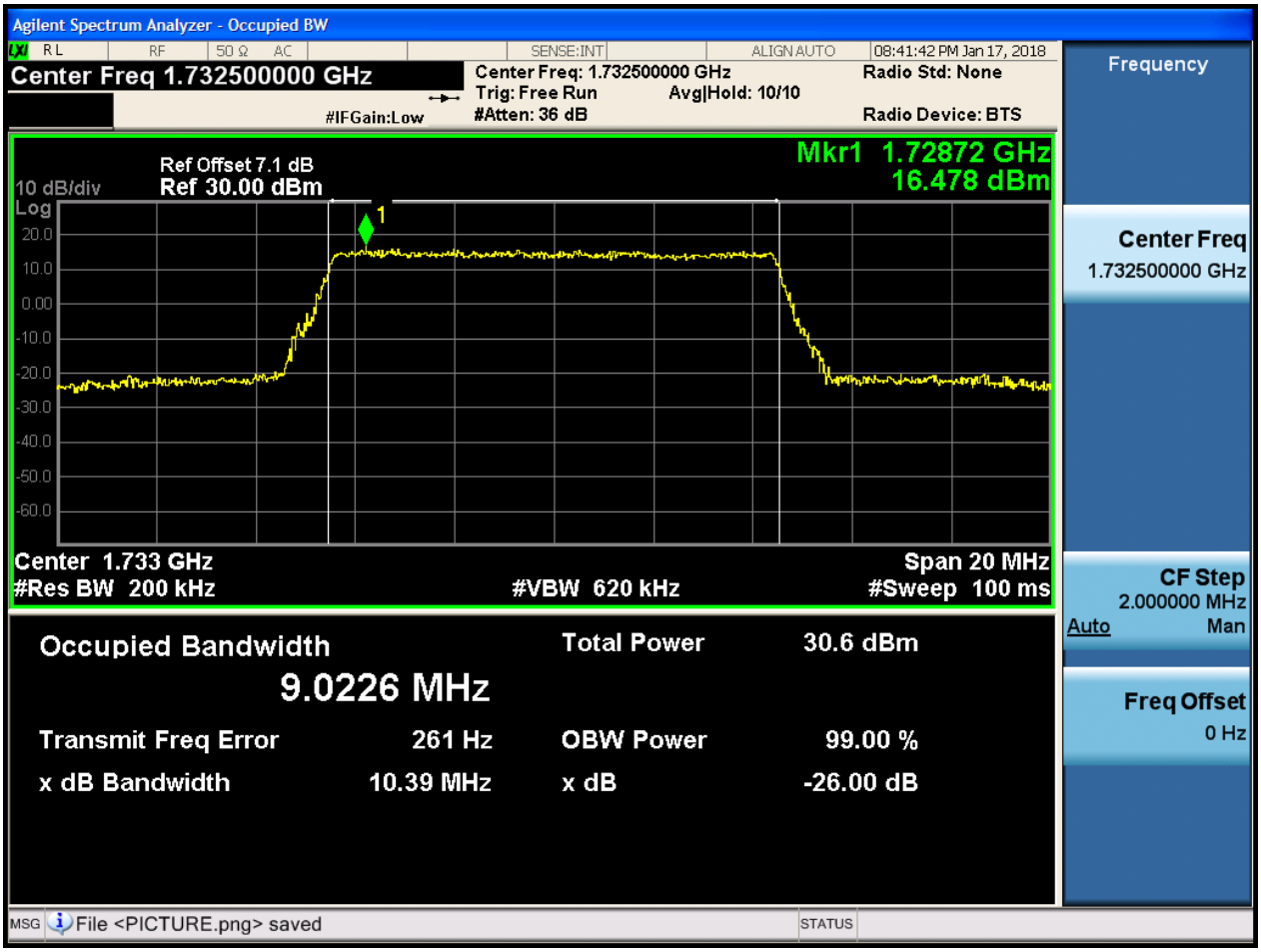
4.1.1.1.4.2 Test Channel = MCH

4.1.1.1.4.2.1 Test RB = RB50#0



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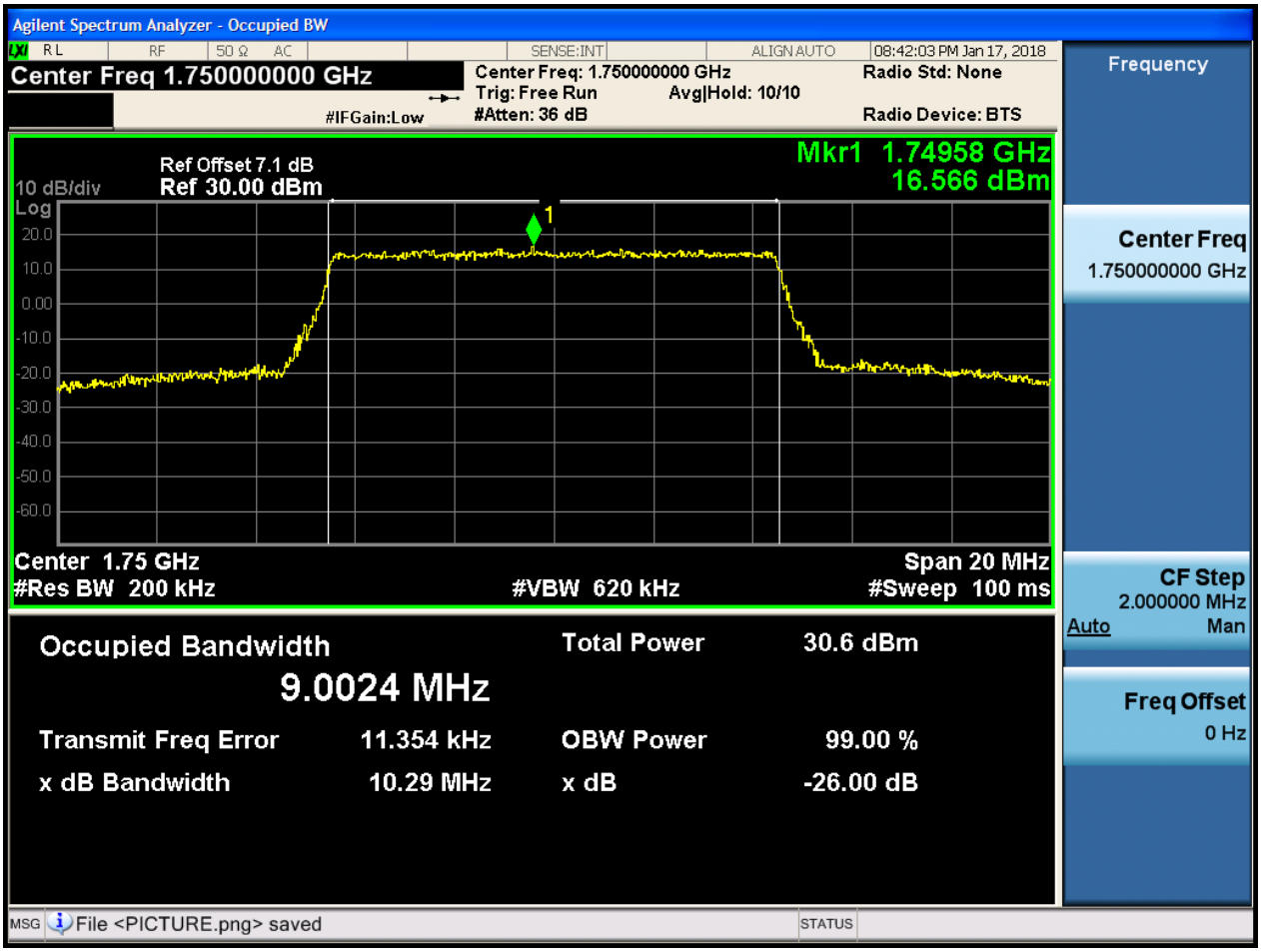
4.1.1.1.4.3 Test Channel = HCH

4.1.1.1.4.3.1 Test RB = RB50#0



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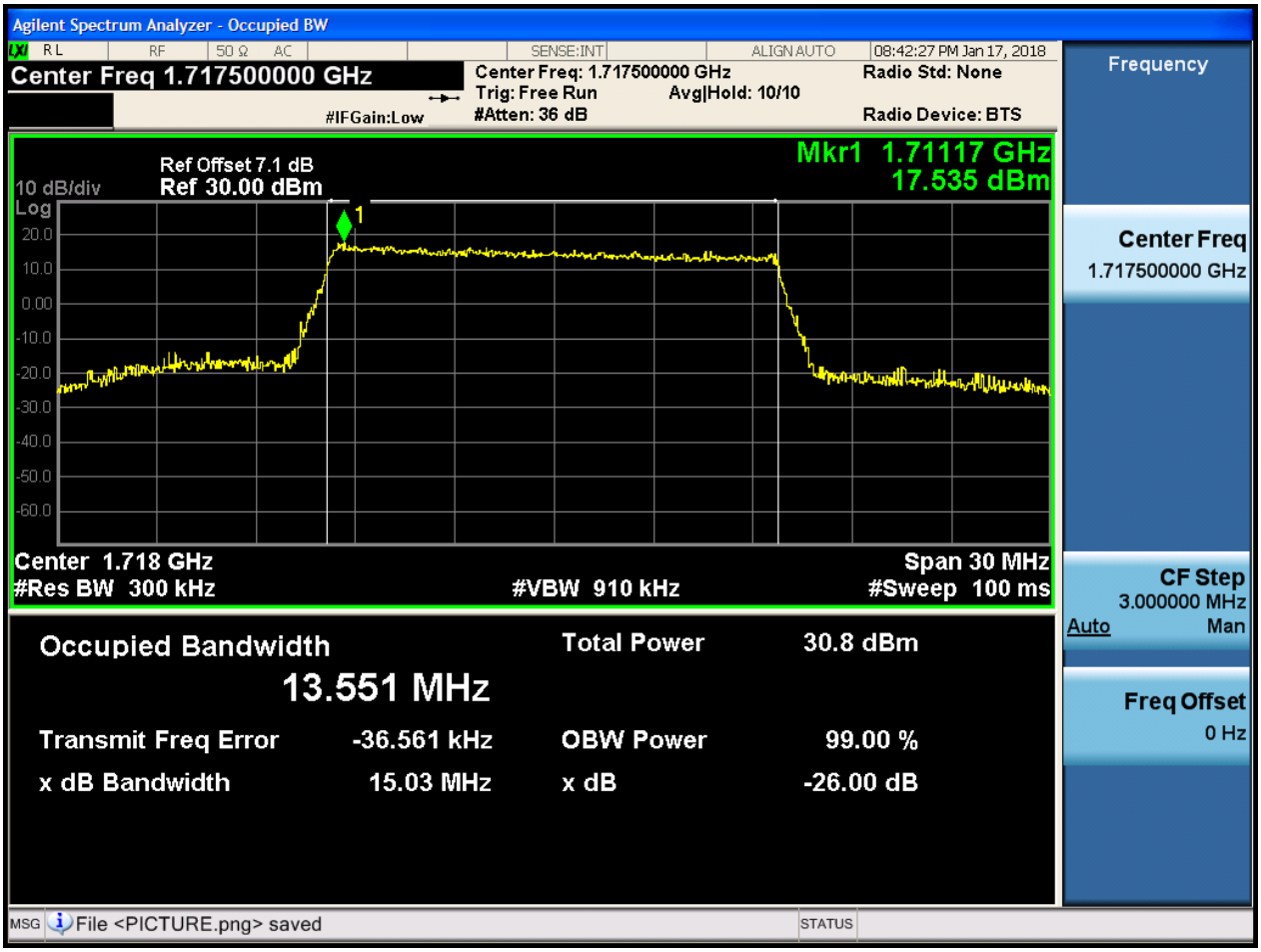
4.1.1.1.5 Test Bandwidth = 15

4.1.1.1.5.1 Test Channel = LCH

4.1.1.1.5.1.1 Test RB = RB75#0



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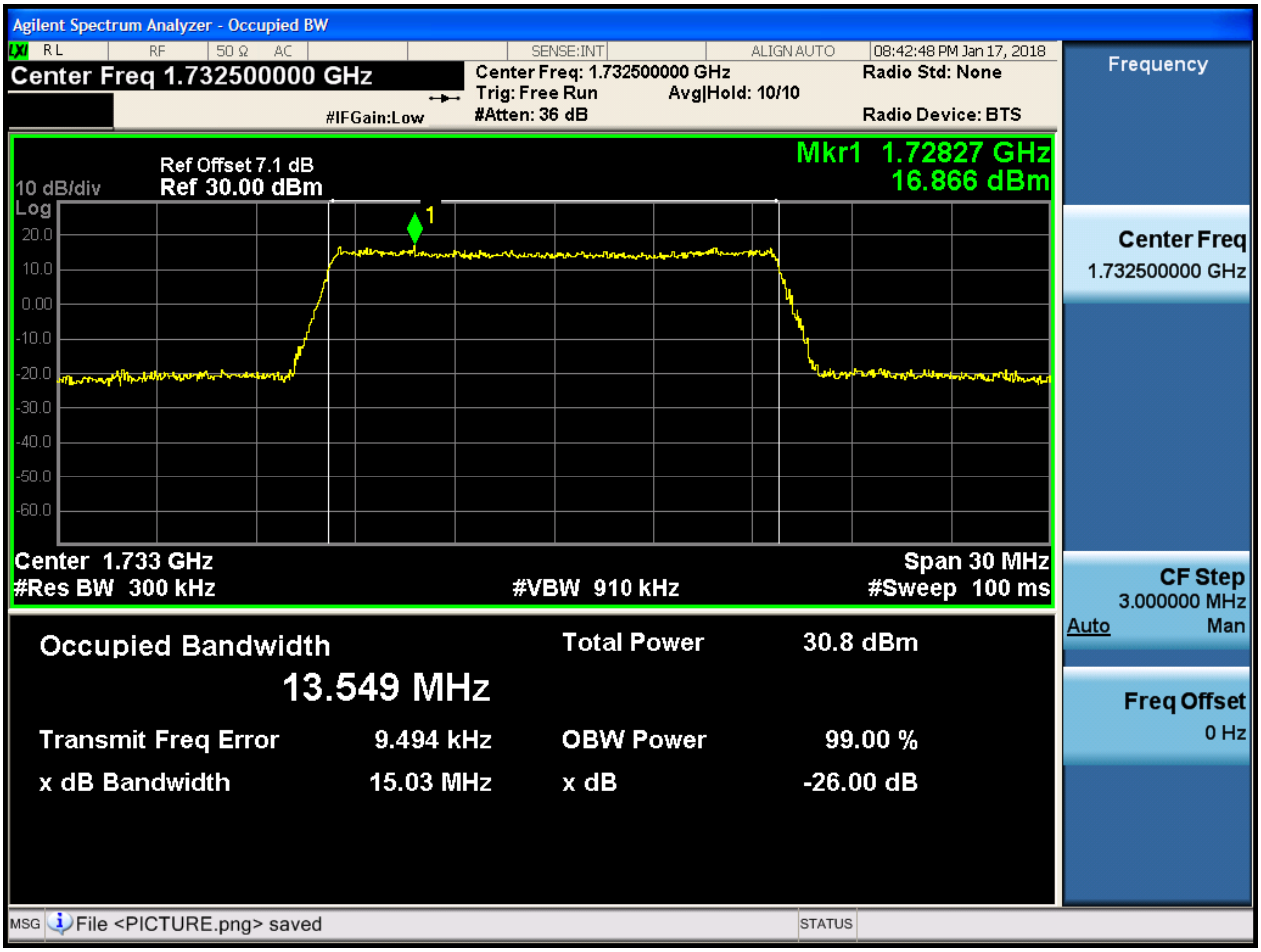
4.1.1.1.5.2 Test Channel = MCH

4.1.1.1.5.2.1 Test RB = RB75#0



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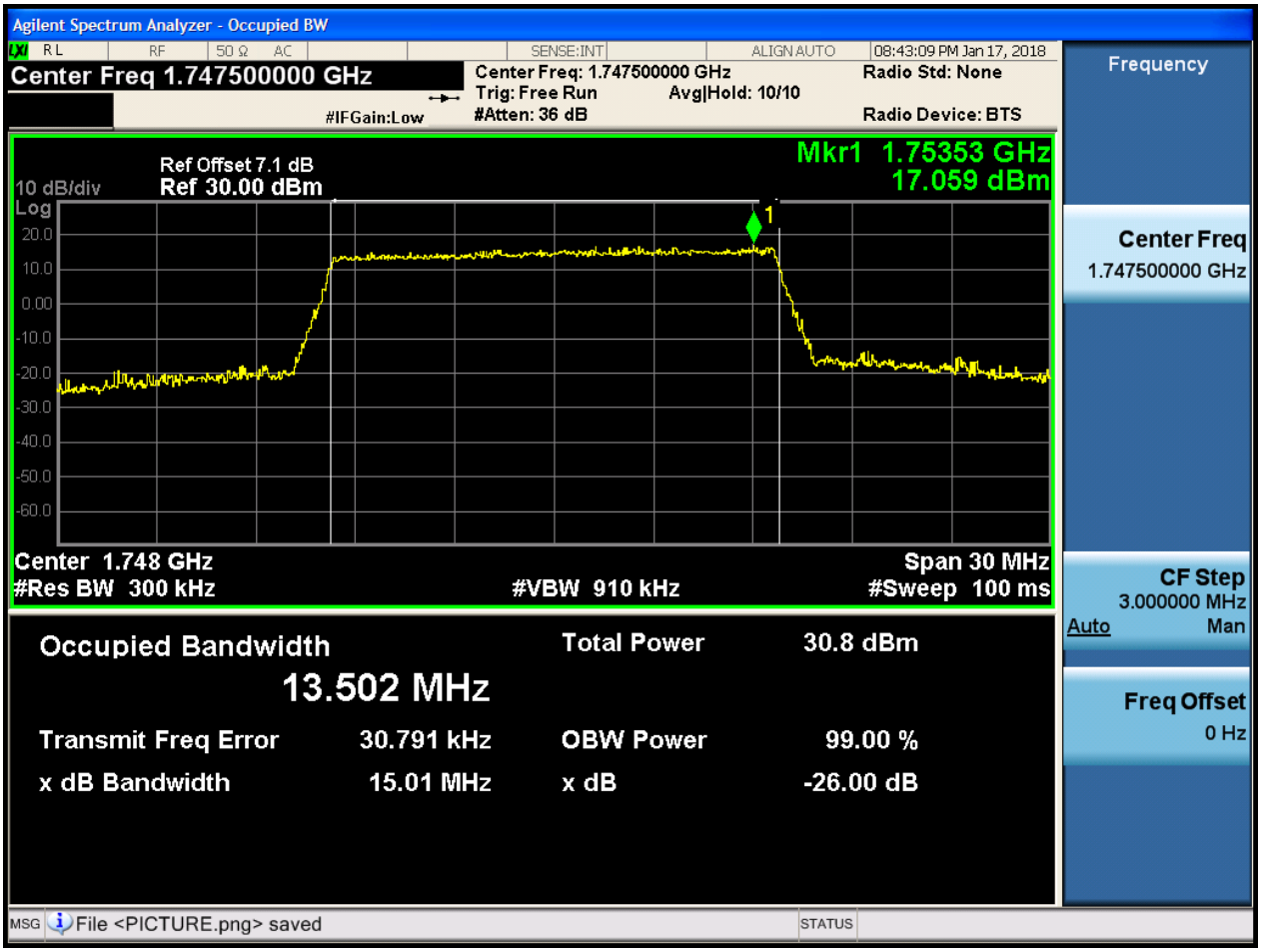
4.1.1.1.5.3 Test Channel = HCH

4.1.1.1.5.3.1 Test RB = RB75#0



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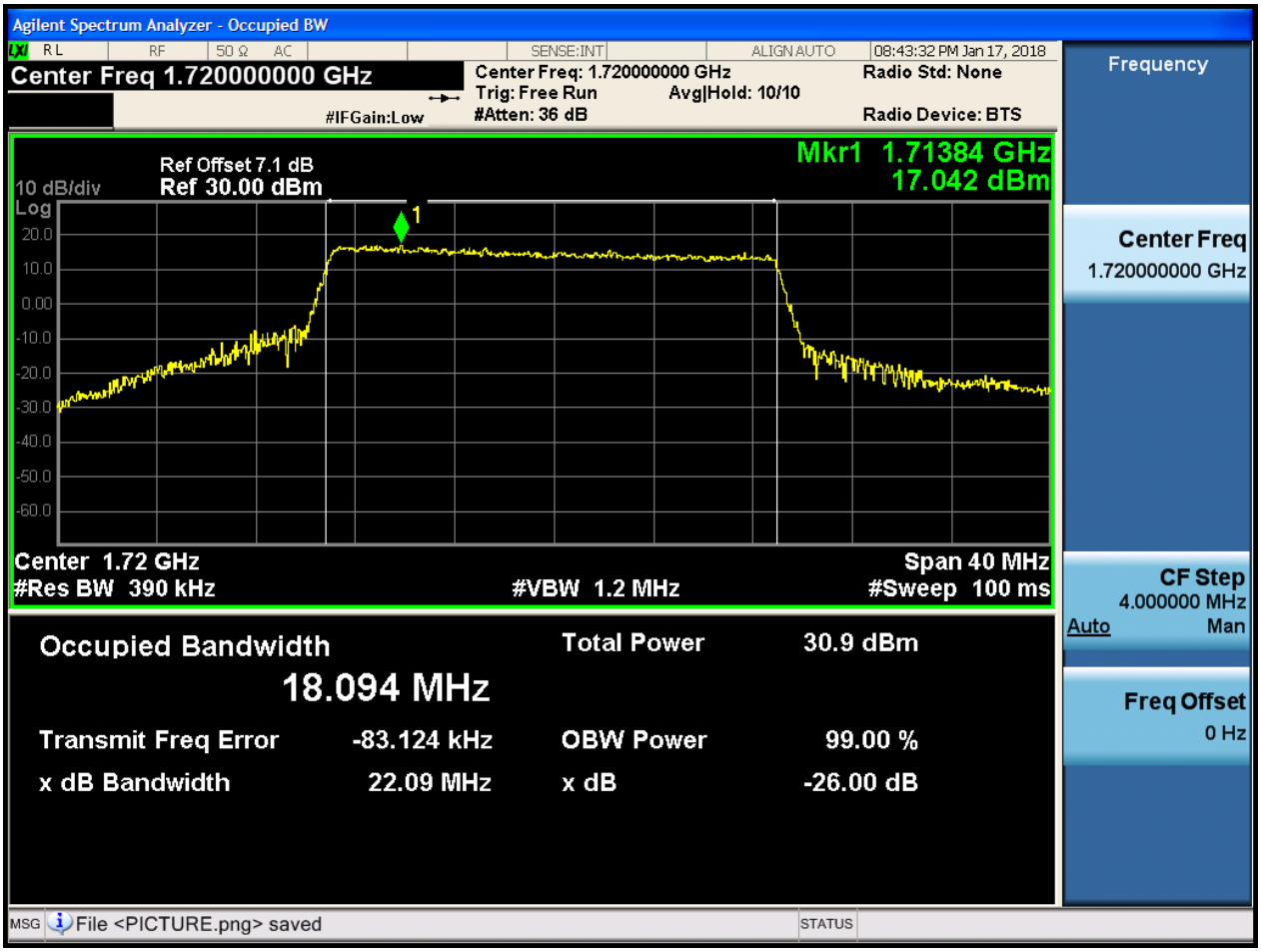
4.1.1.1.6 Test Bandwidth = 20

4.1.1.1.6.1 Test Channel = LCH

4.1.1.1.6.1.1 Test RB = RB100#0



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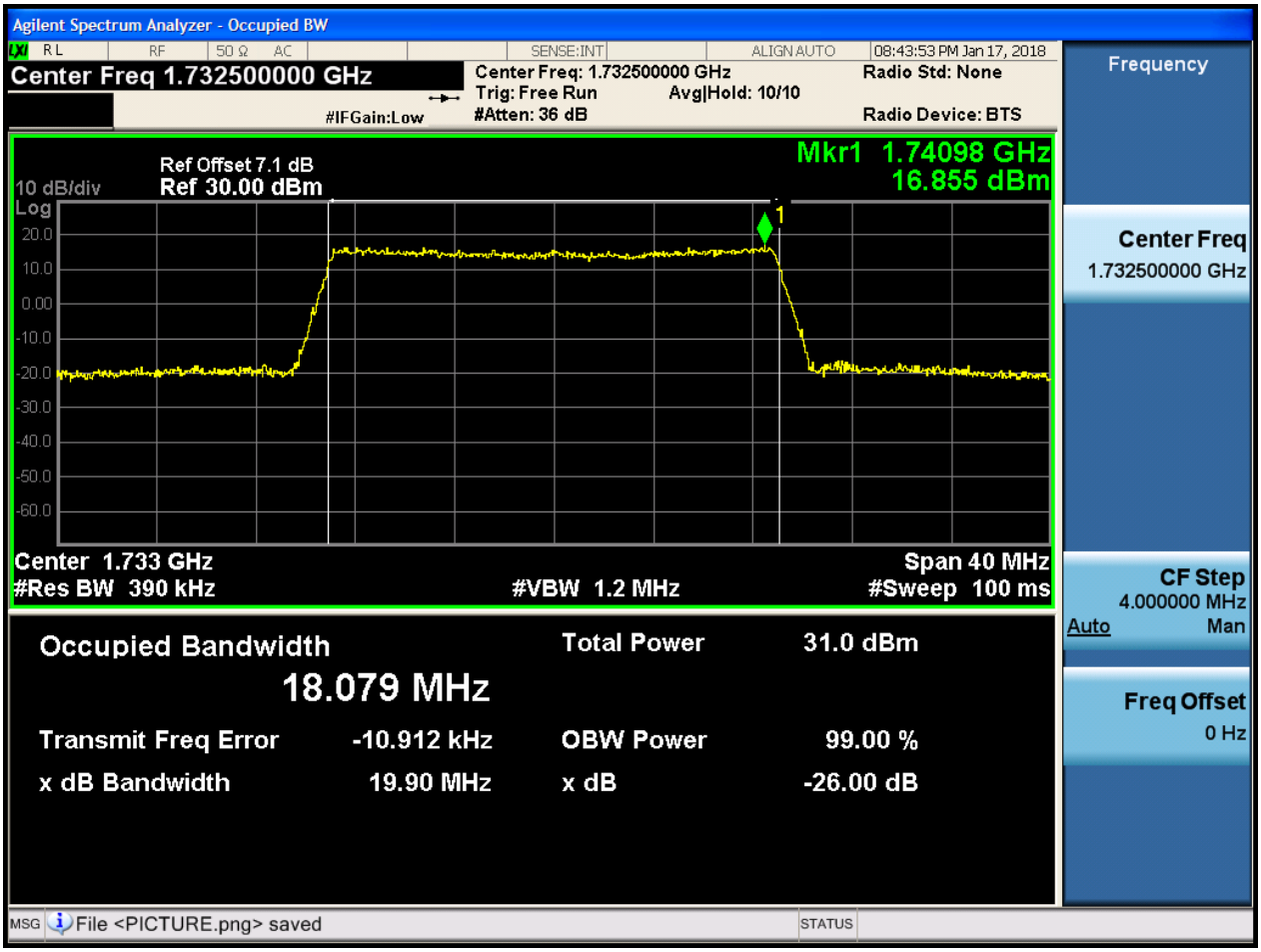
4.1.1.1.6.2 Test Channel = MCH

4.1.1.1.6.2.1 Test RB = RB100#0



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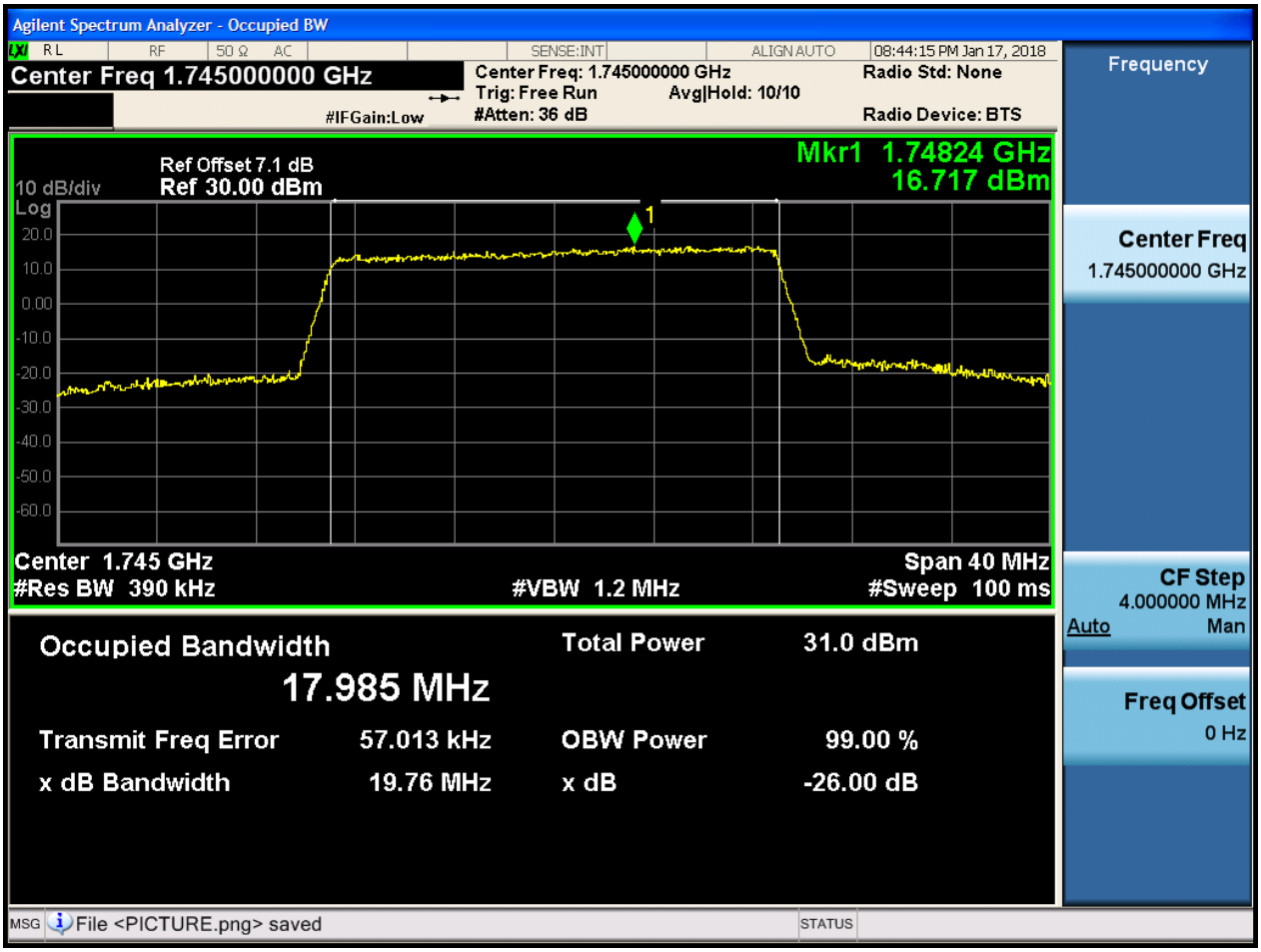
4.1.1.1.6.3 Test Channel = HCH

4.1.1.1.6.3.1 Test RB = RB100#0



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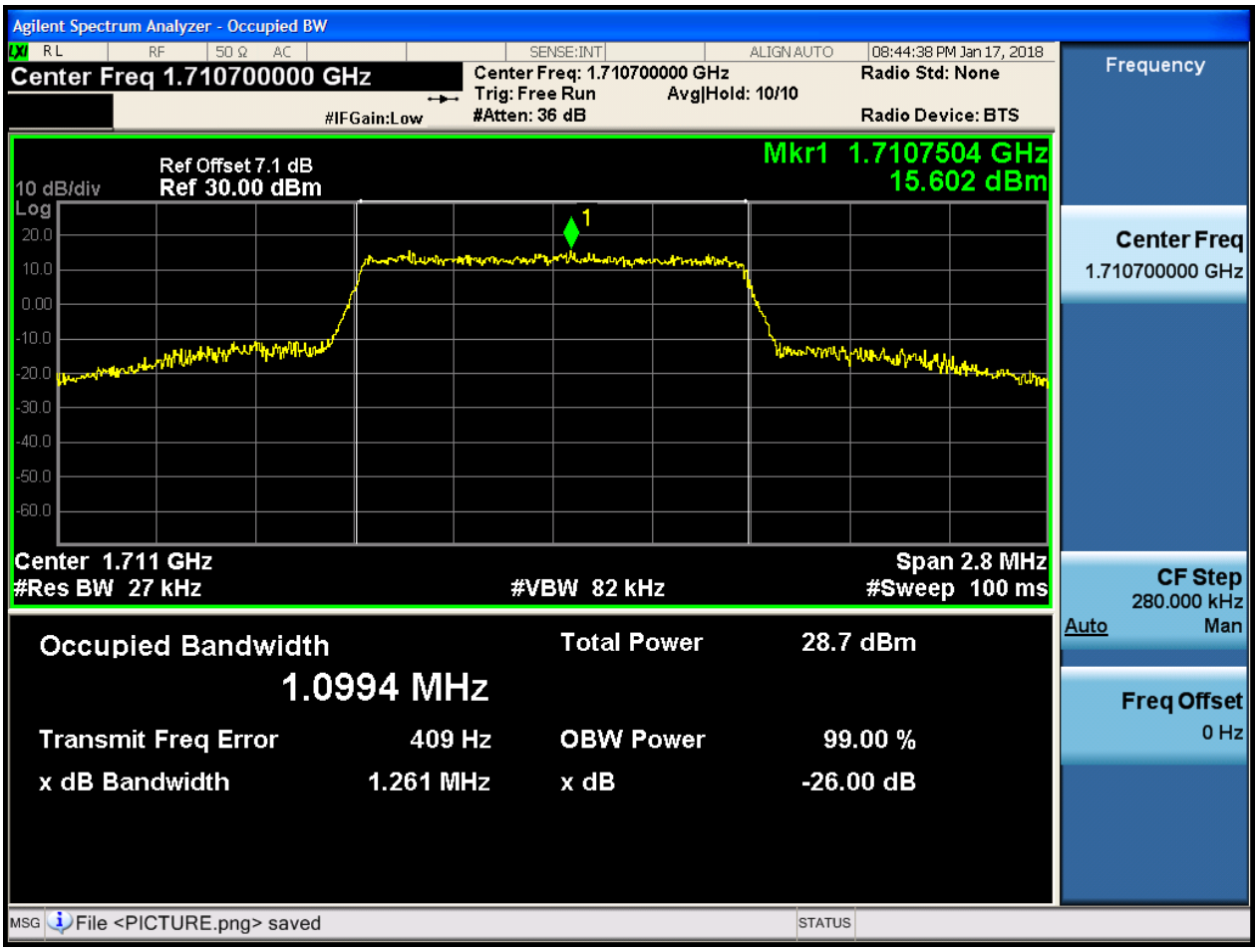
4.1.1.2 Test Mode = LTE/TM2

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



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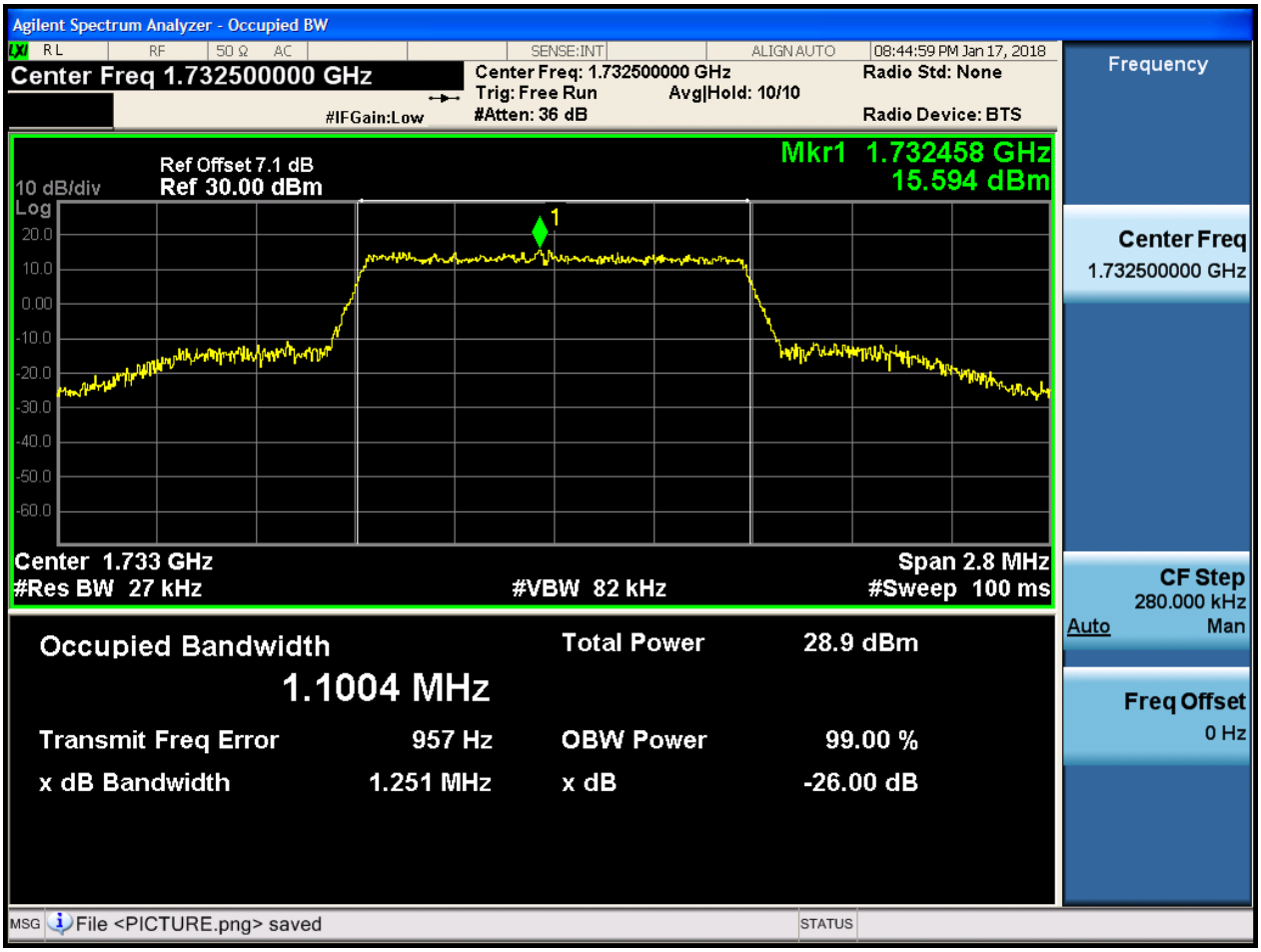
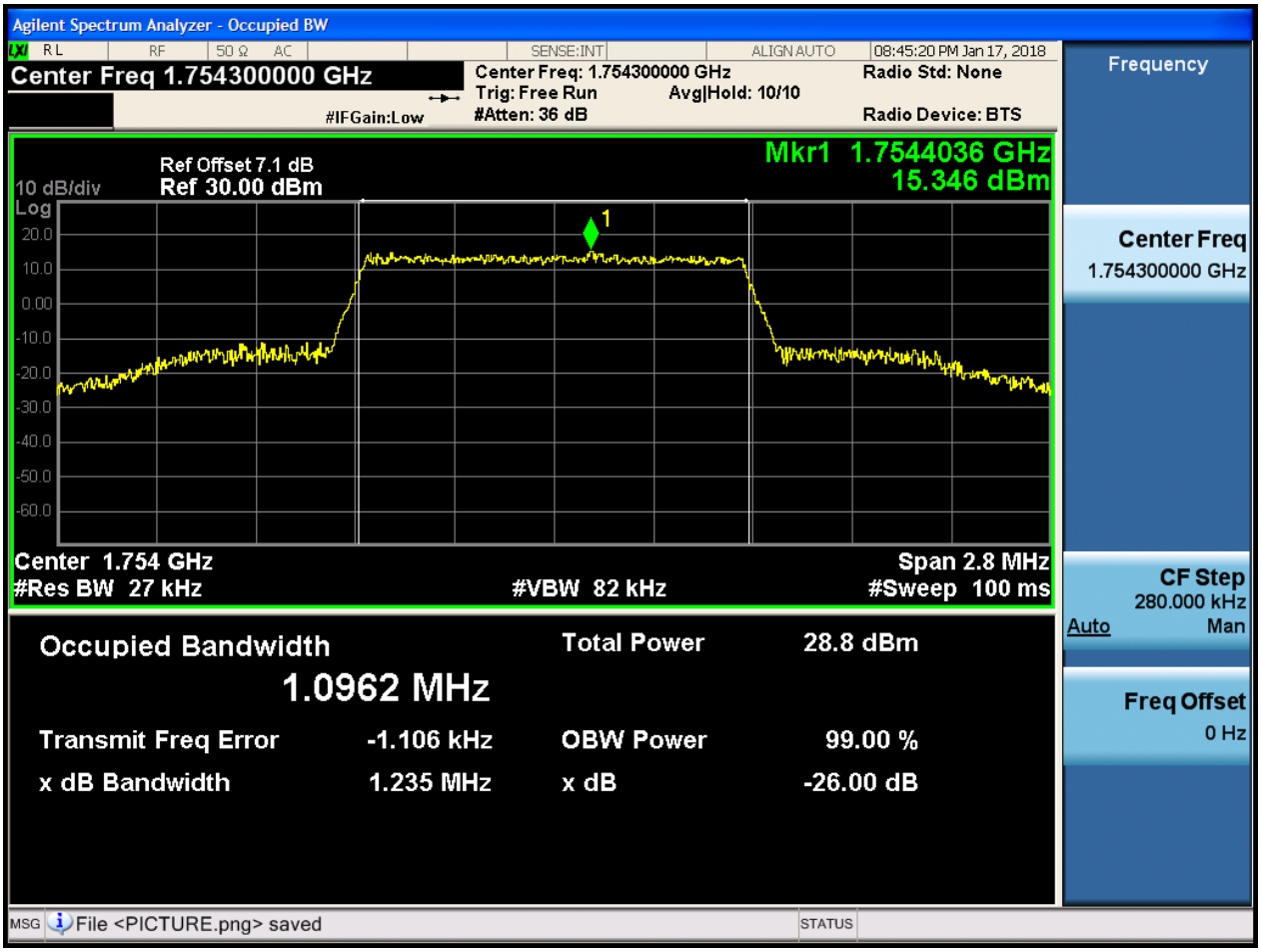
4.1.1.2.1.2 Test Channel = MCH

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



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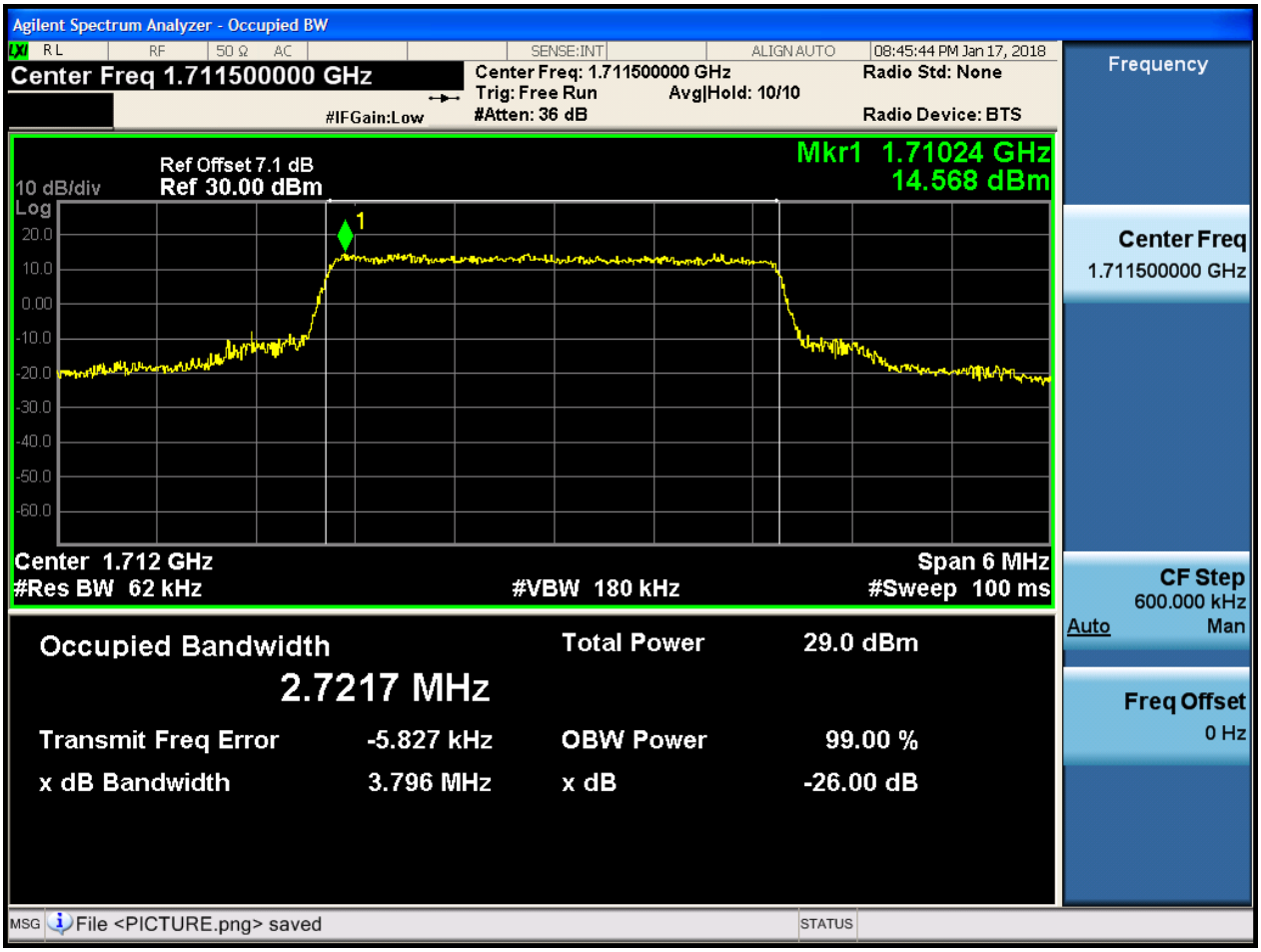
4.1.1.2.2 Test Bandwidth = 3

4.1.1.2.2.1 Test Channel = LCH

4.1.1.2.2.1.1 Test RB = RB15#0



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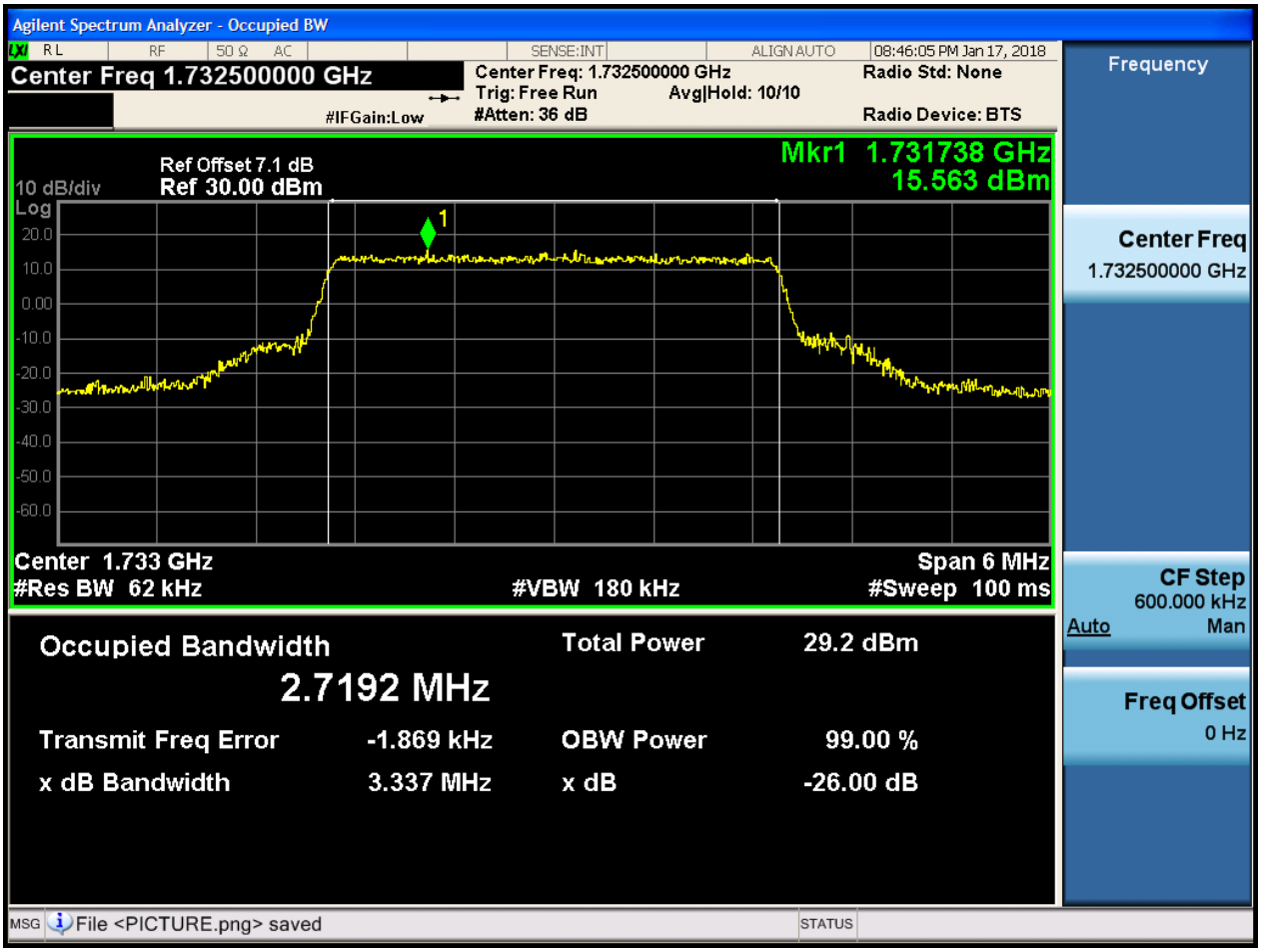
4.1.1.2.2.2 Test Channel = MCH

4.1.1.2.2.2.1 Test RB = RB15#0



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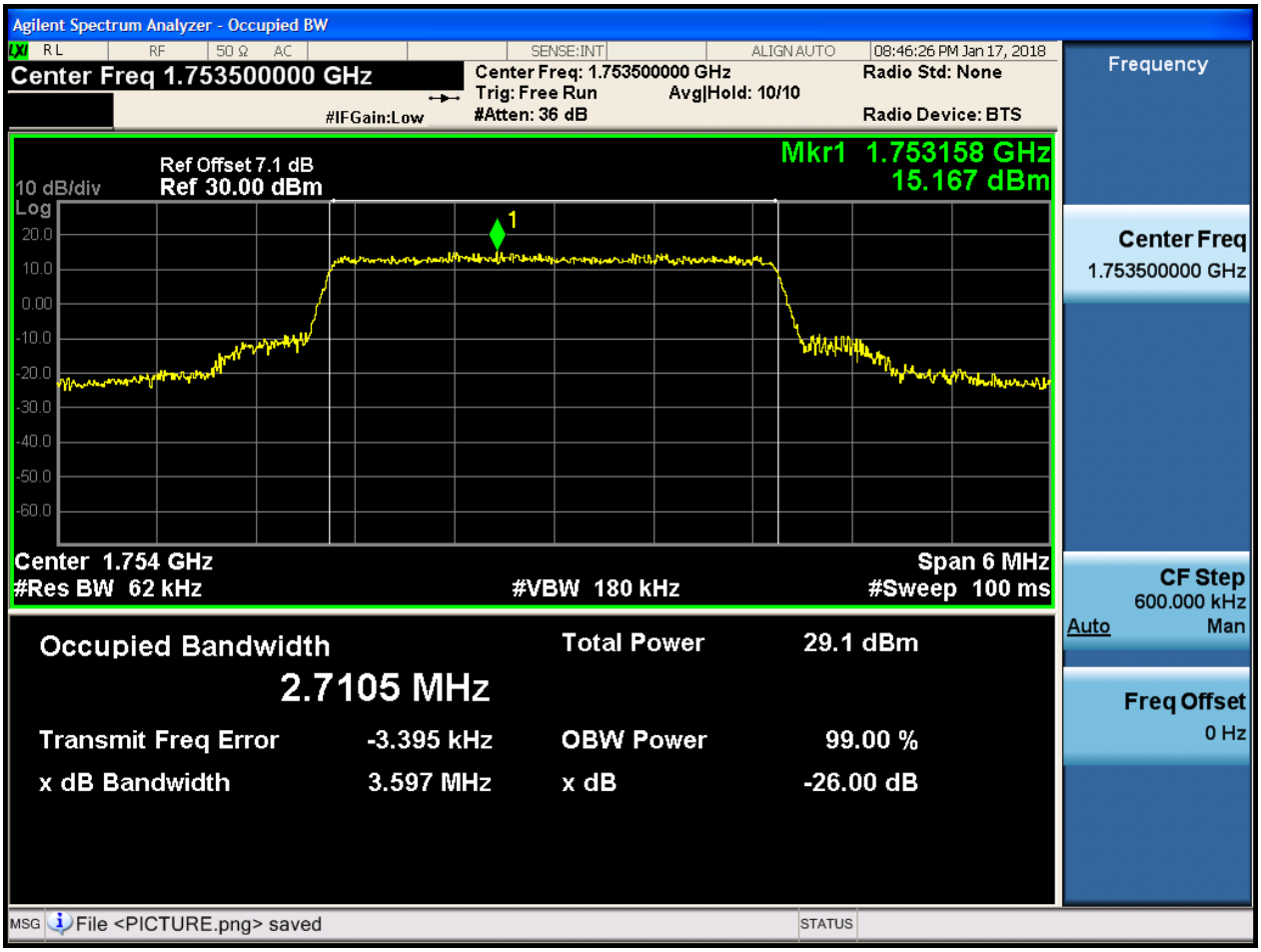
4.1.1.2.2.3 Test Channel = HCH

4.1.1.2.2.3.1 Test RB = RB15#0



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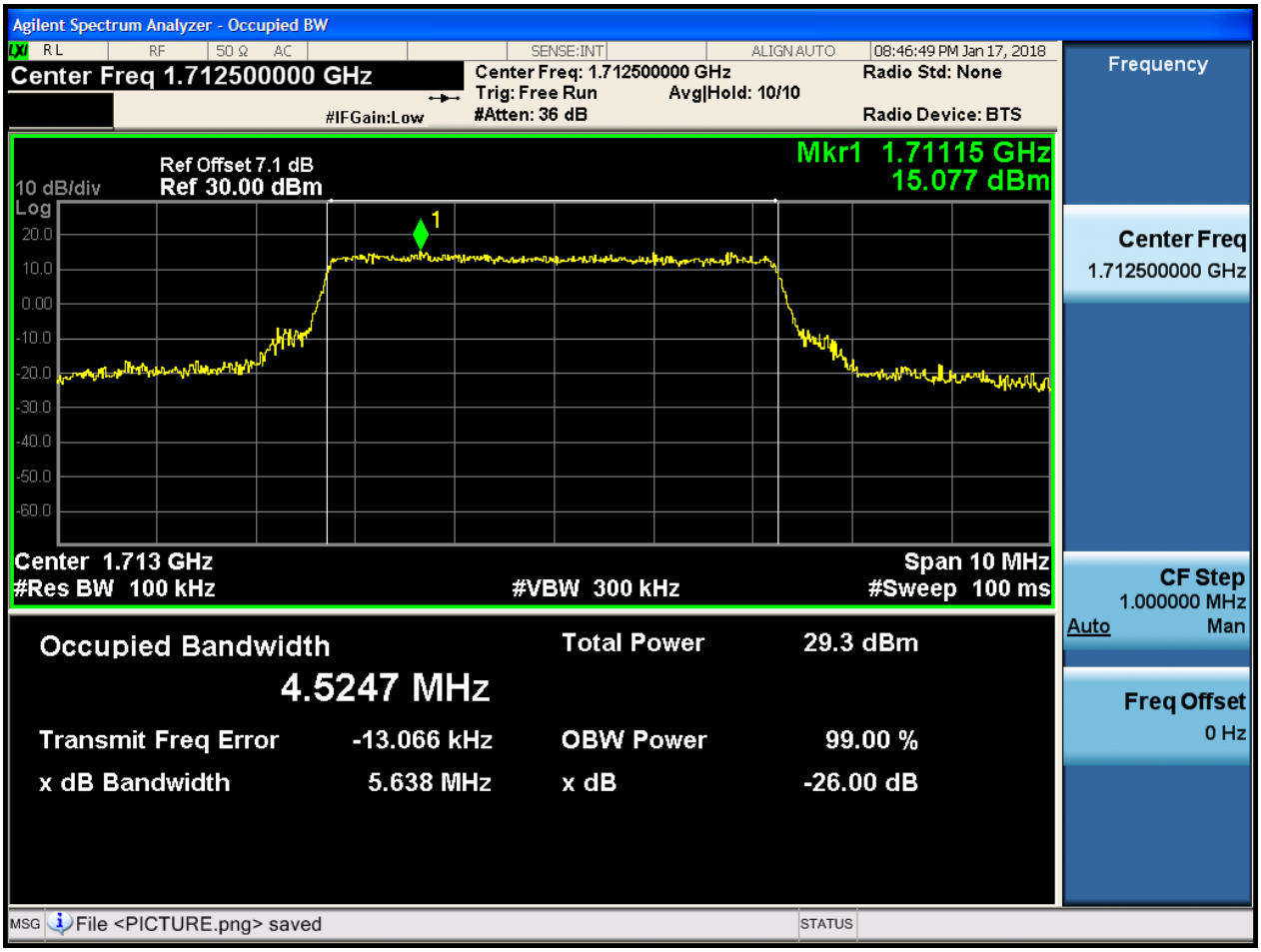
4.1.1.2.3 Test Bandwidth = 5

4.1.1.2.3.1 Test Channel = LCH

4.1.1.2.3.1.1 Test RB = RB25#0



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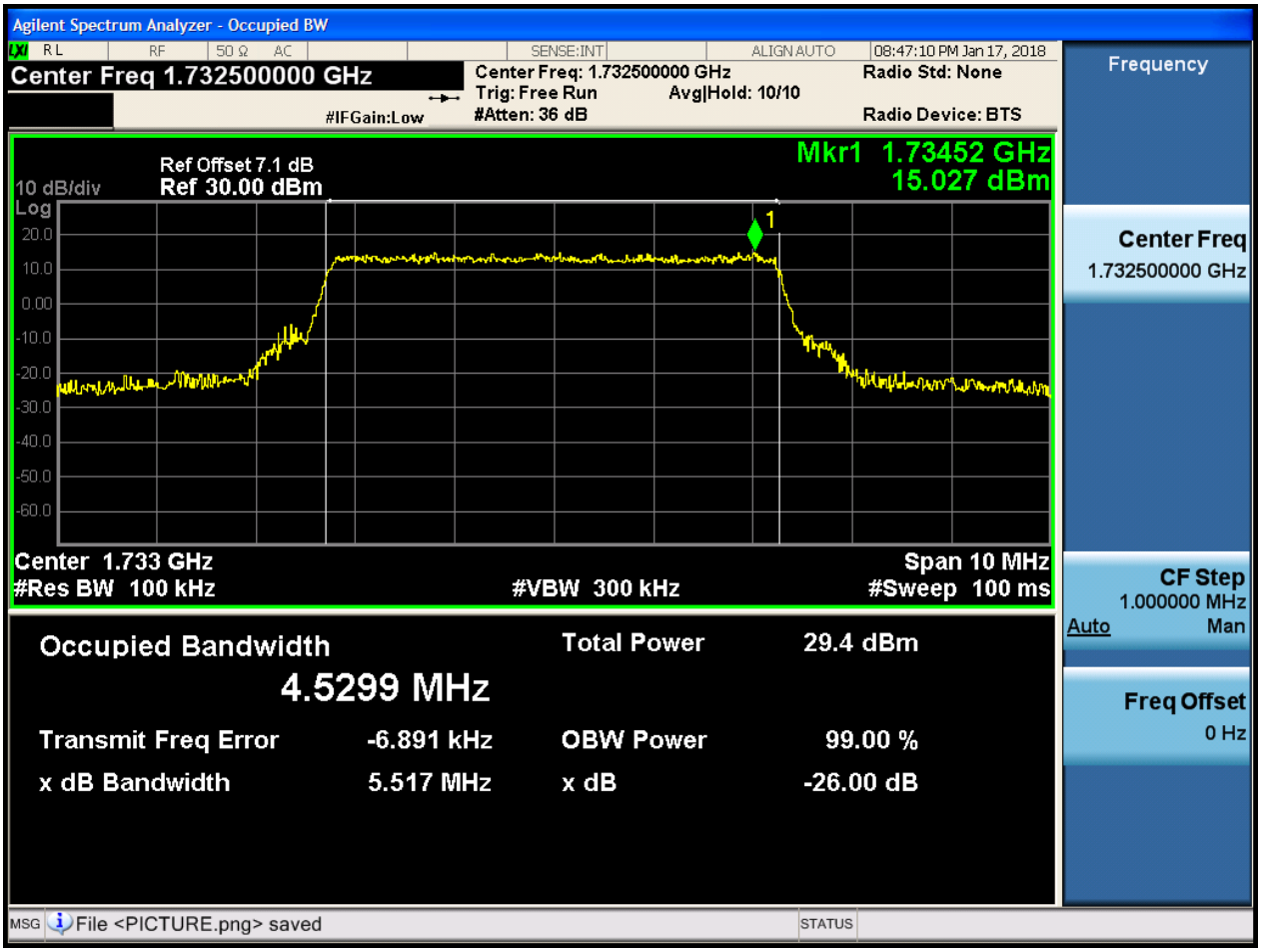
4.1.1.2.3.2 Test Channel = MCH

4.1.1.2.3.2.1 Test RB = RB25#0



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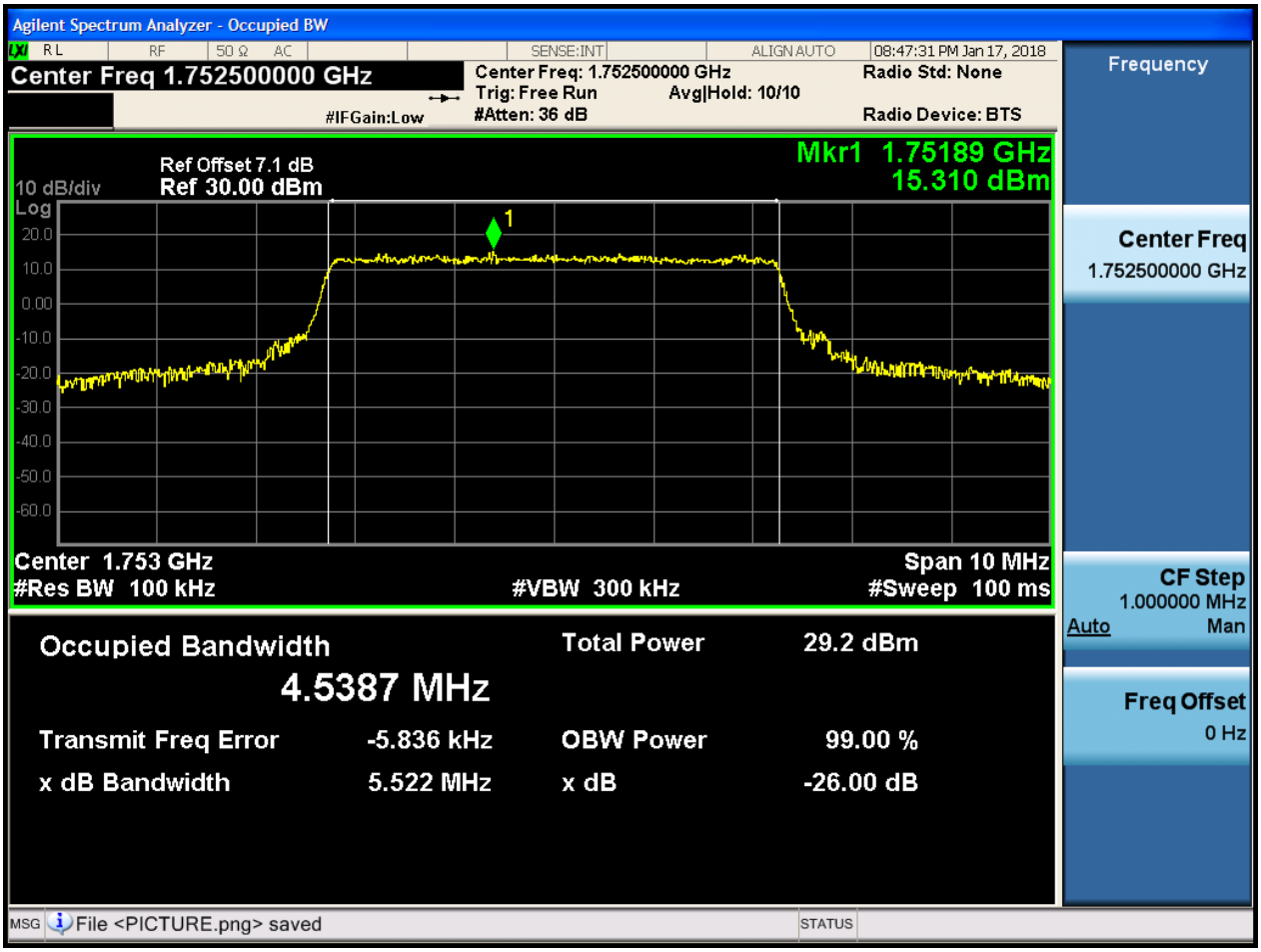
4.1.1.2.3.3 Test Channel = HCH

4.1.1.2.3.3.1 Test RB = RB25#0



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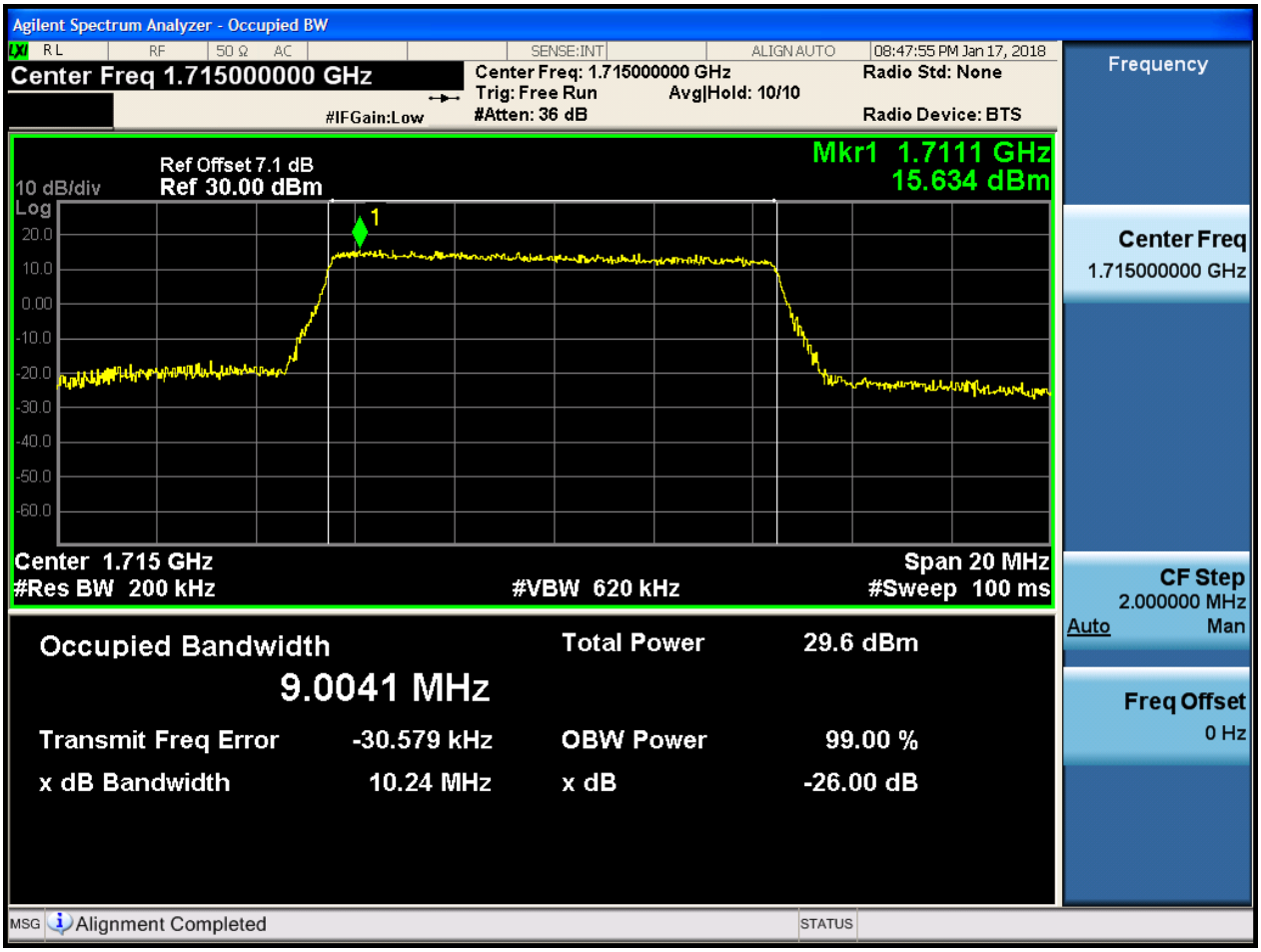
4.1.1.2.4 Test Bandwidth = 10

4.1.1.2.4.1 Test Channel = LCH

4.1.1.2.4.1.1 Test RB = RB50#0



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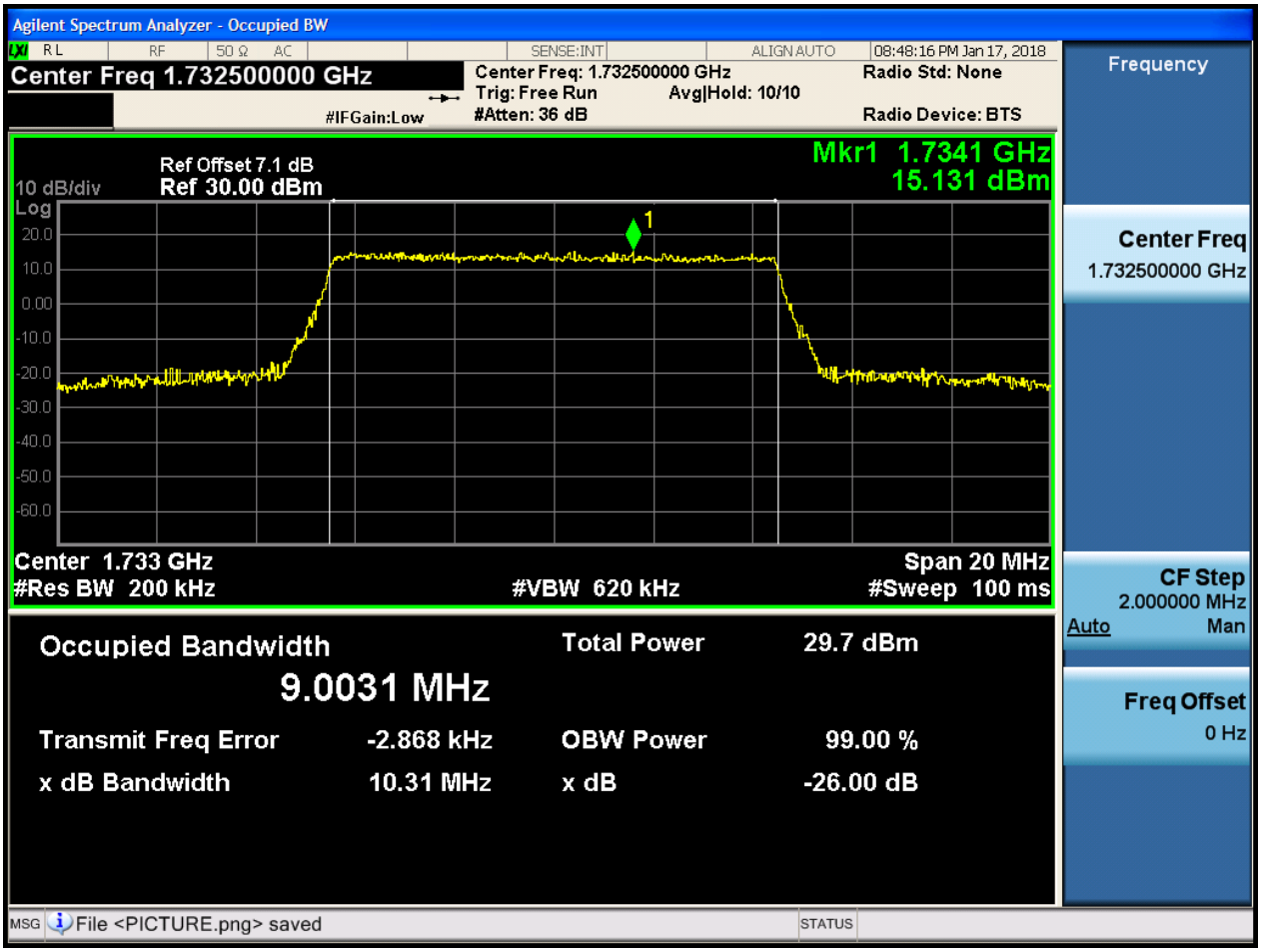
4.1.1.2.4.2 Test Channel = MCH

4.1.1.2.4.2.1 Test RB = RB50#0



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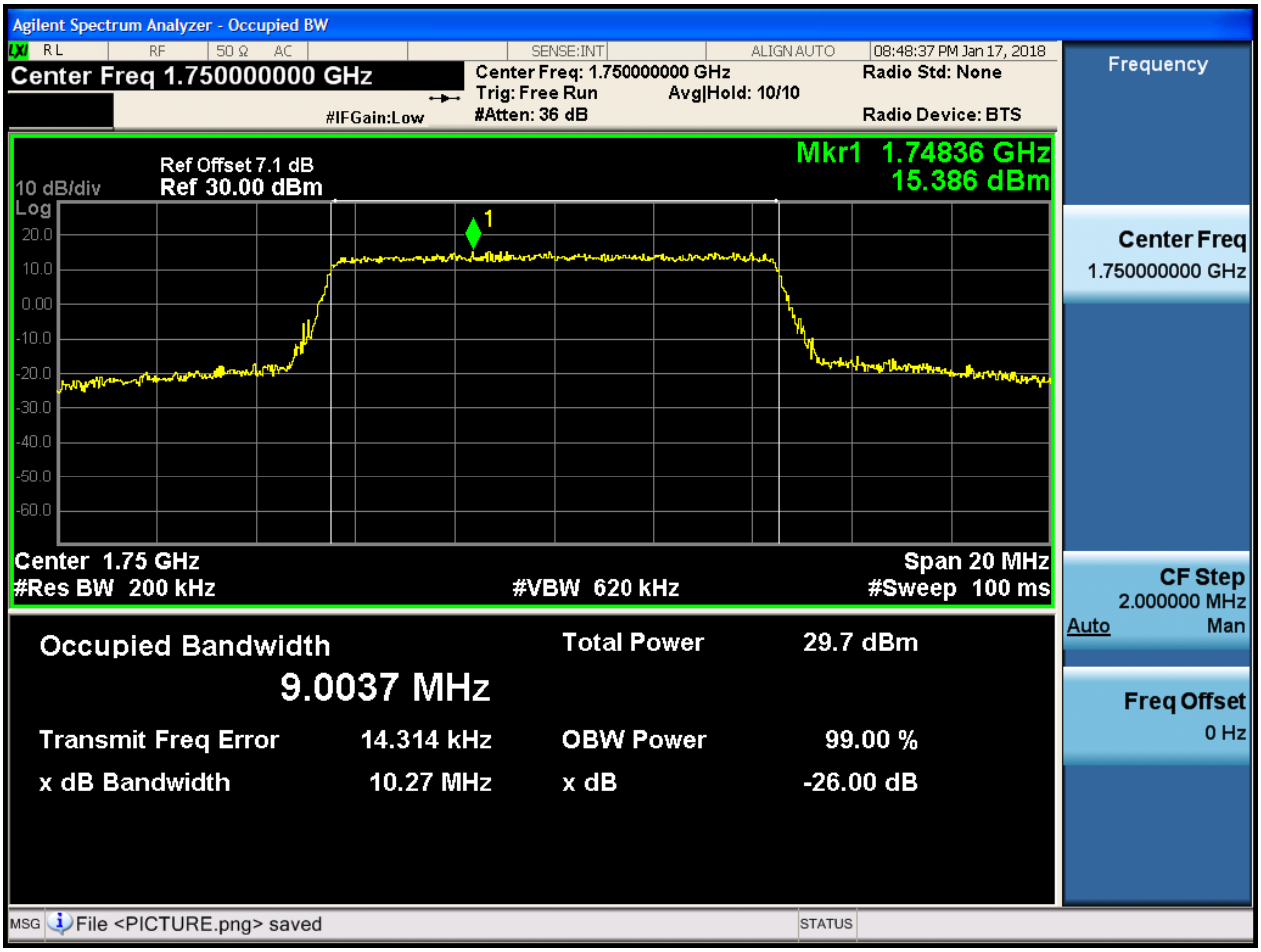
4.1.1.2.4.3 Test Channel = HCH

4.1.1.2.4.3.1 Test RB = RB50#0



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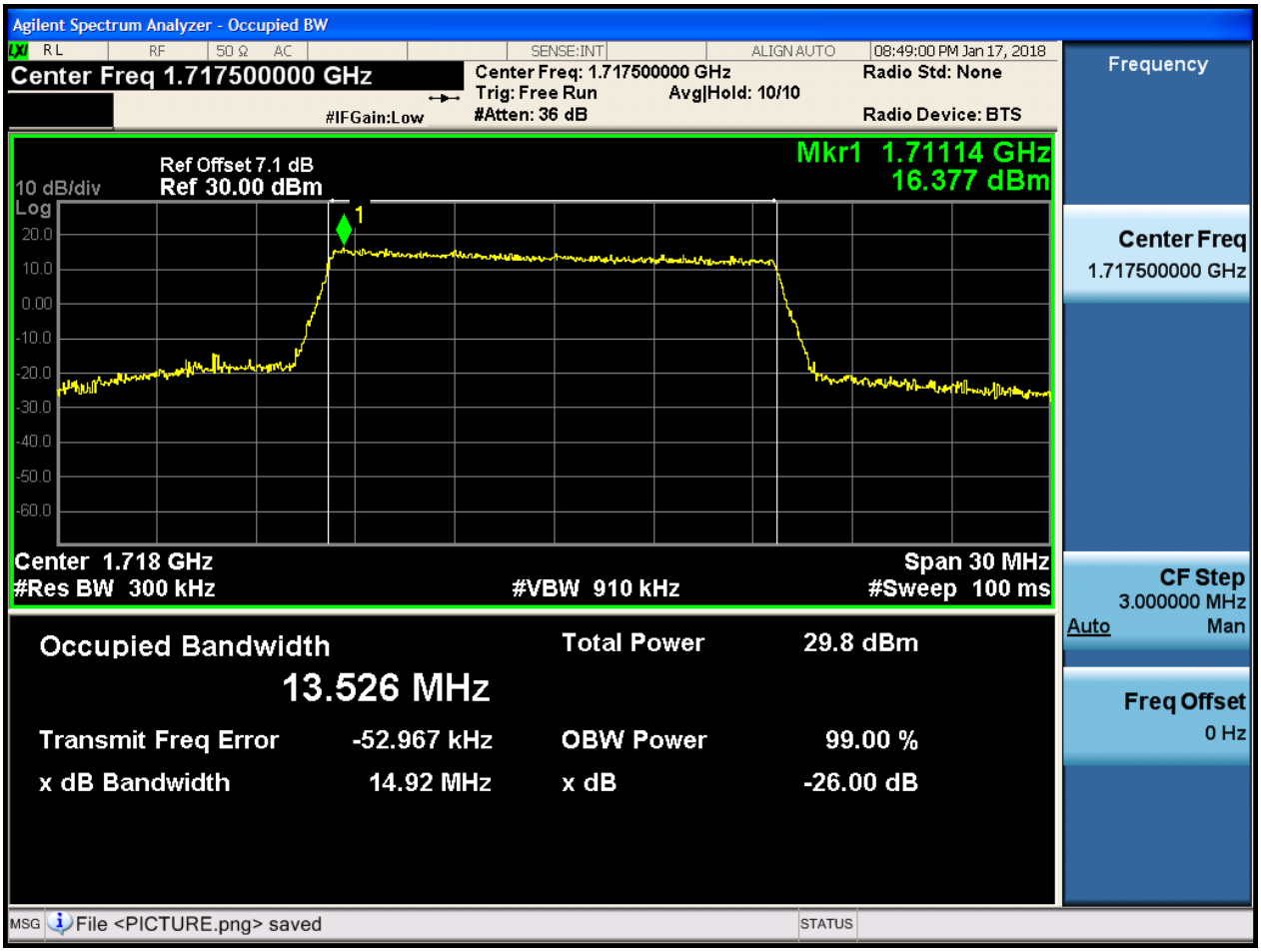
4.1.1.2.5 Test Bandwidth = 15

4.1.1.2.5.1 Test Channel = LCH

4.1.1.2.5.1.1 Test RB = RB75#0



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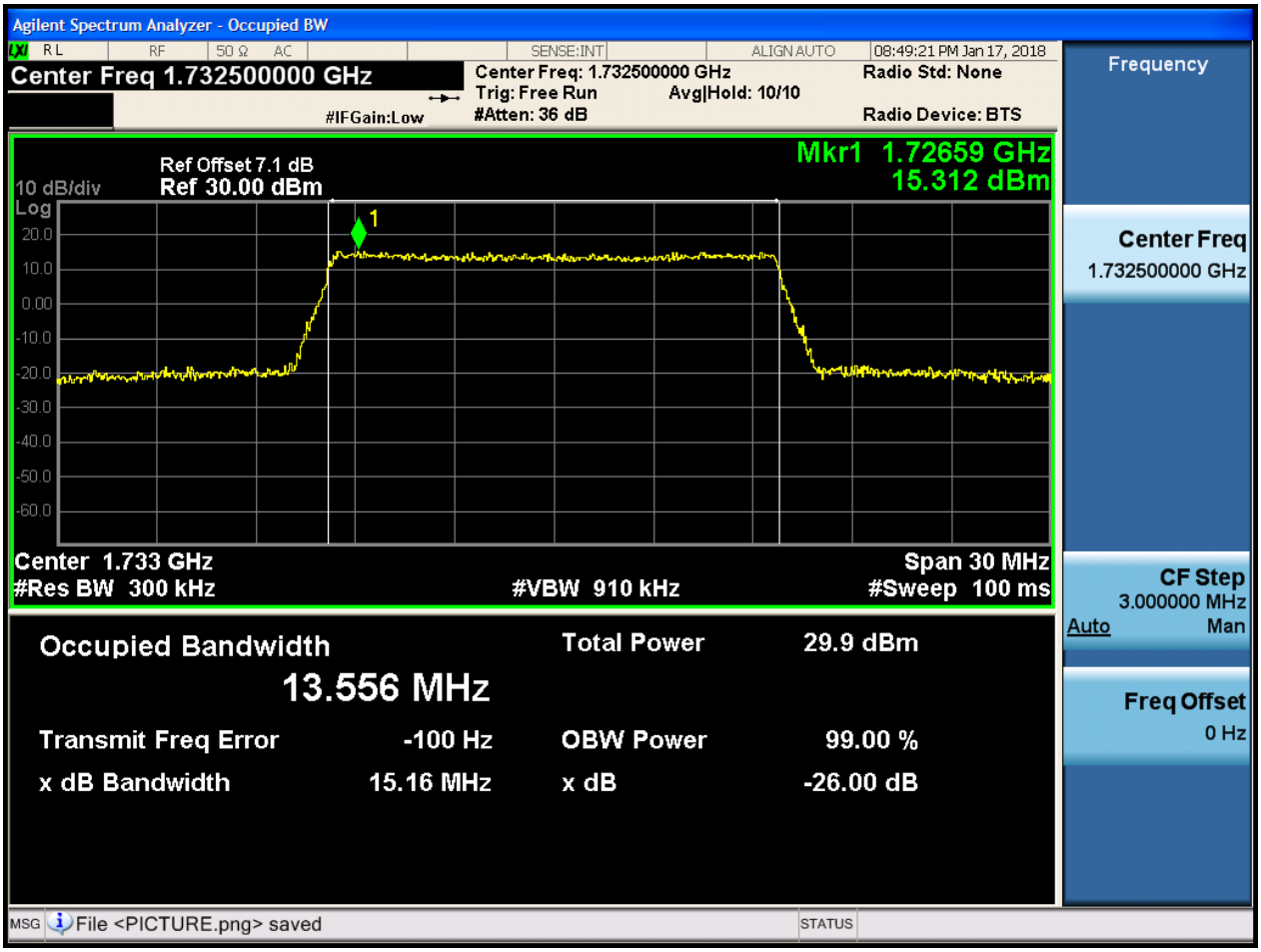
4.1.1.2.5.2 Test Channel = MCH

4.1.1.2.5.2.1 Test RB = RB75#0



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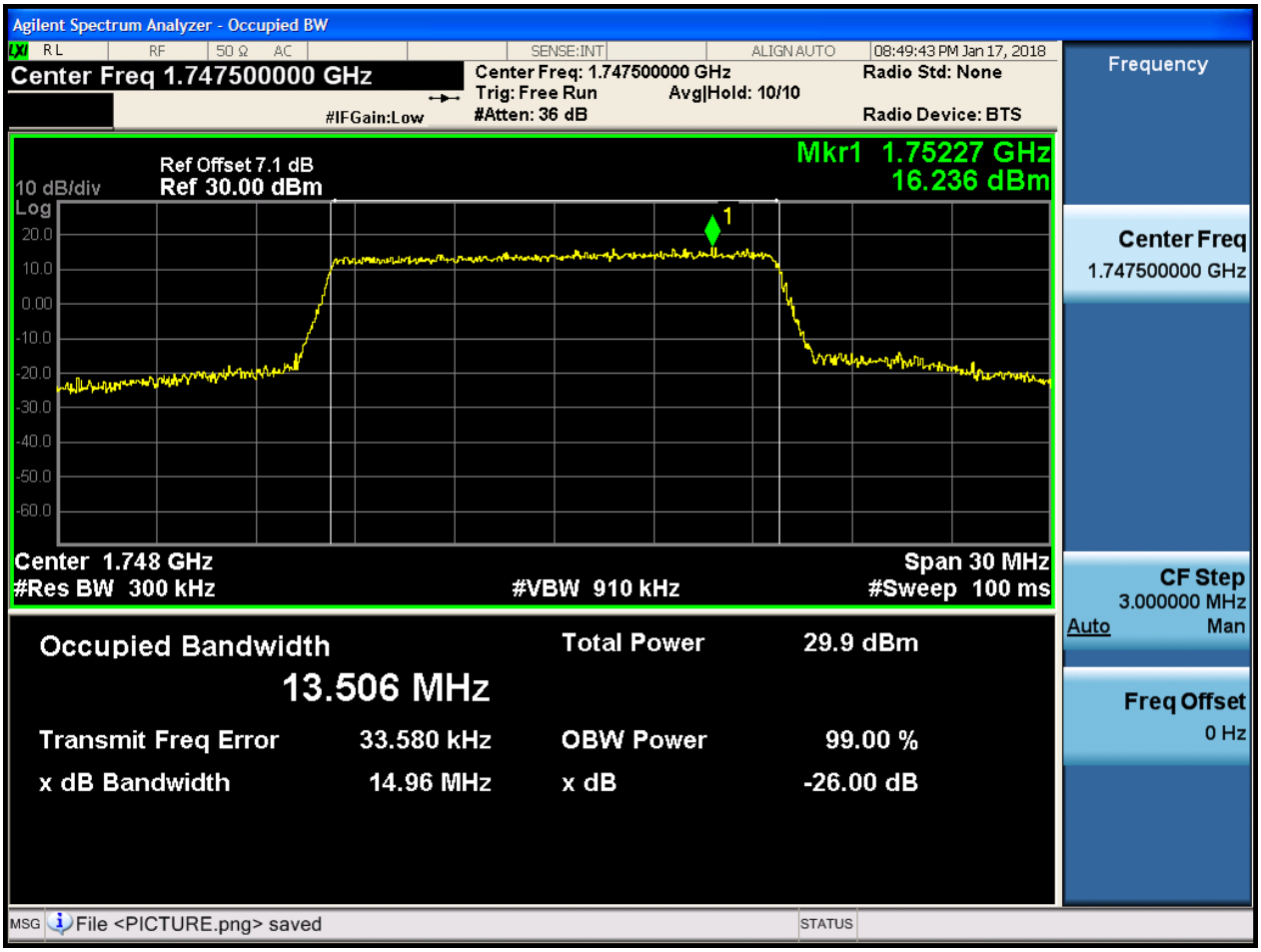
4.1.1.2.5.3 Test Channel = HCH

4.1.1.2.5.3.1 Test RB = RB75#0



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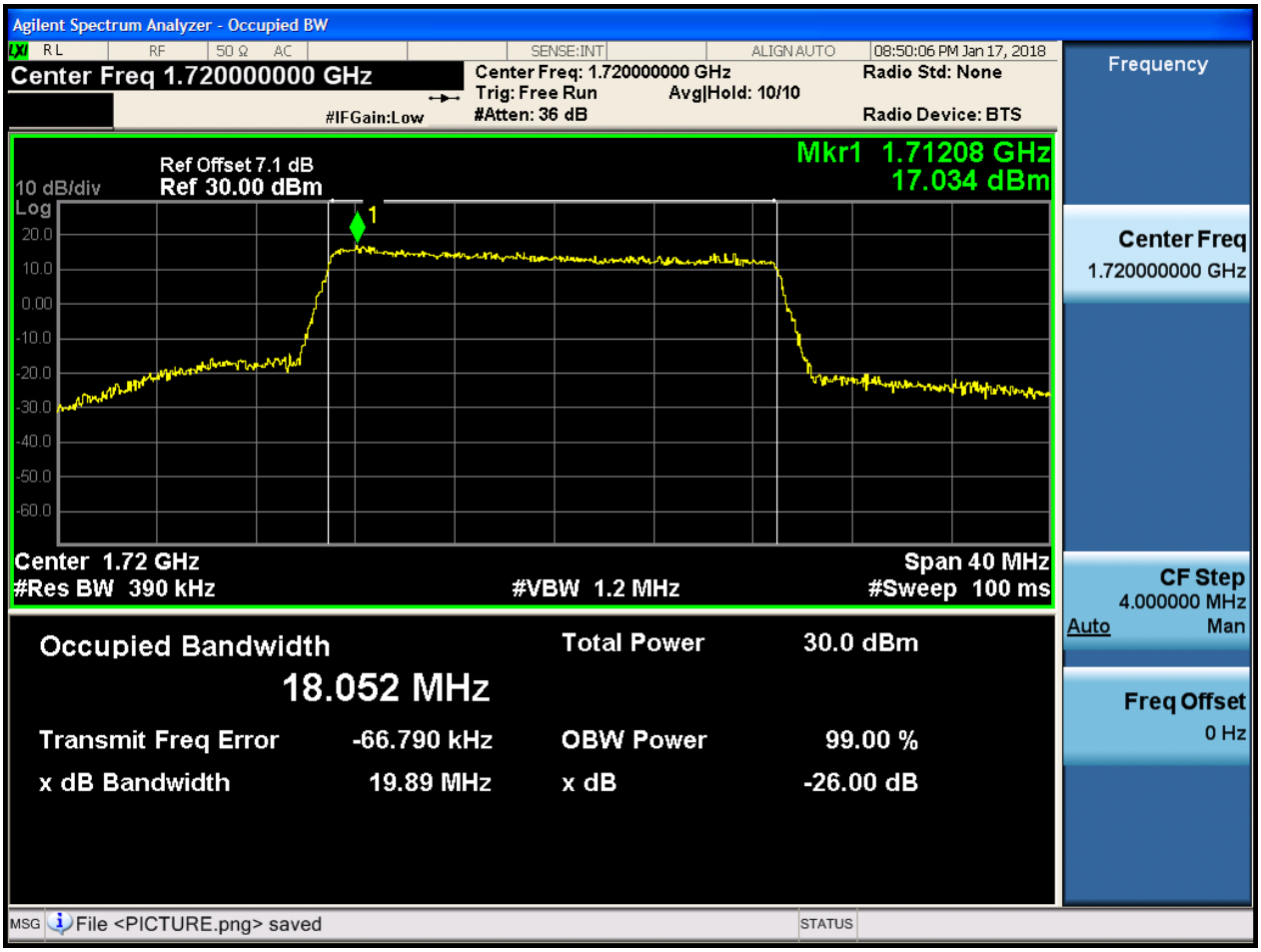
4.1.1.2.6 Test Bandwidth = 20

4.1.1.2.6.1 Test Channel = LCH

4.1.1.2.6.1.1 Test RB = RB100#0



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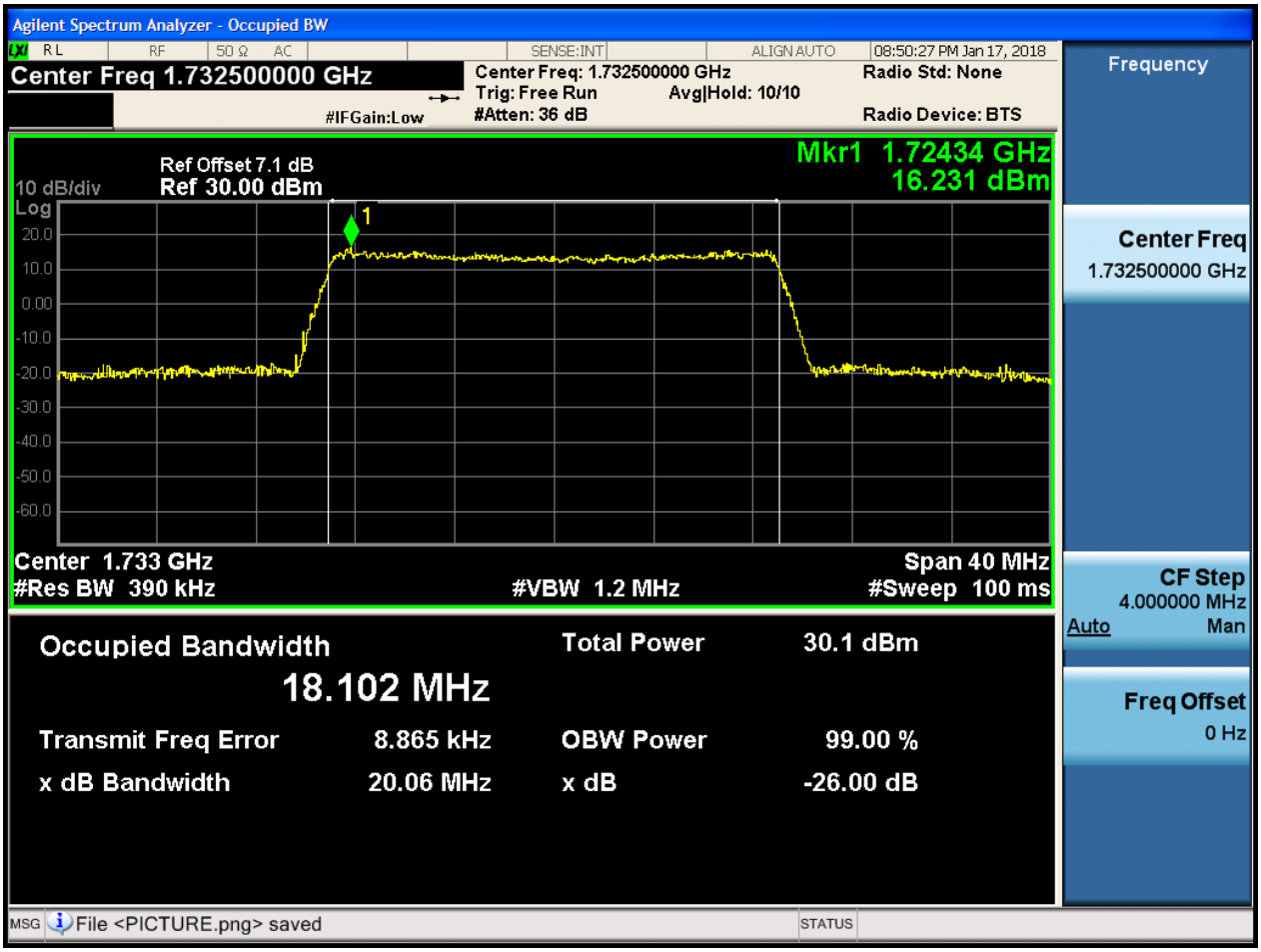
4.1.1.2.6.2 Test Channel = MCH

4.1.1.2.6.2.1 Test RB = RB100#0



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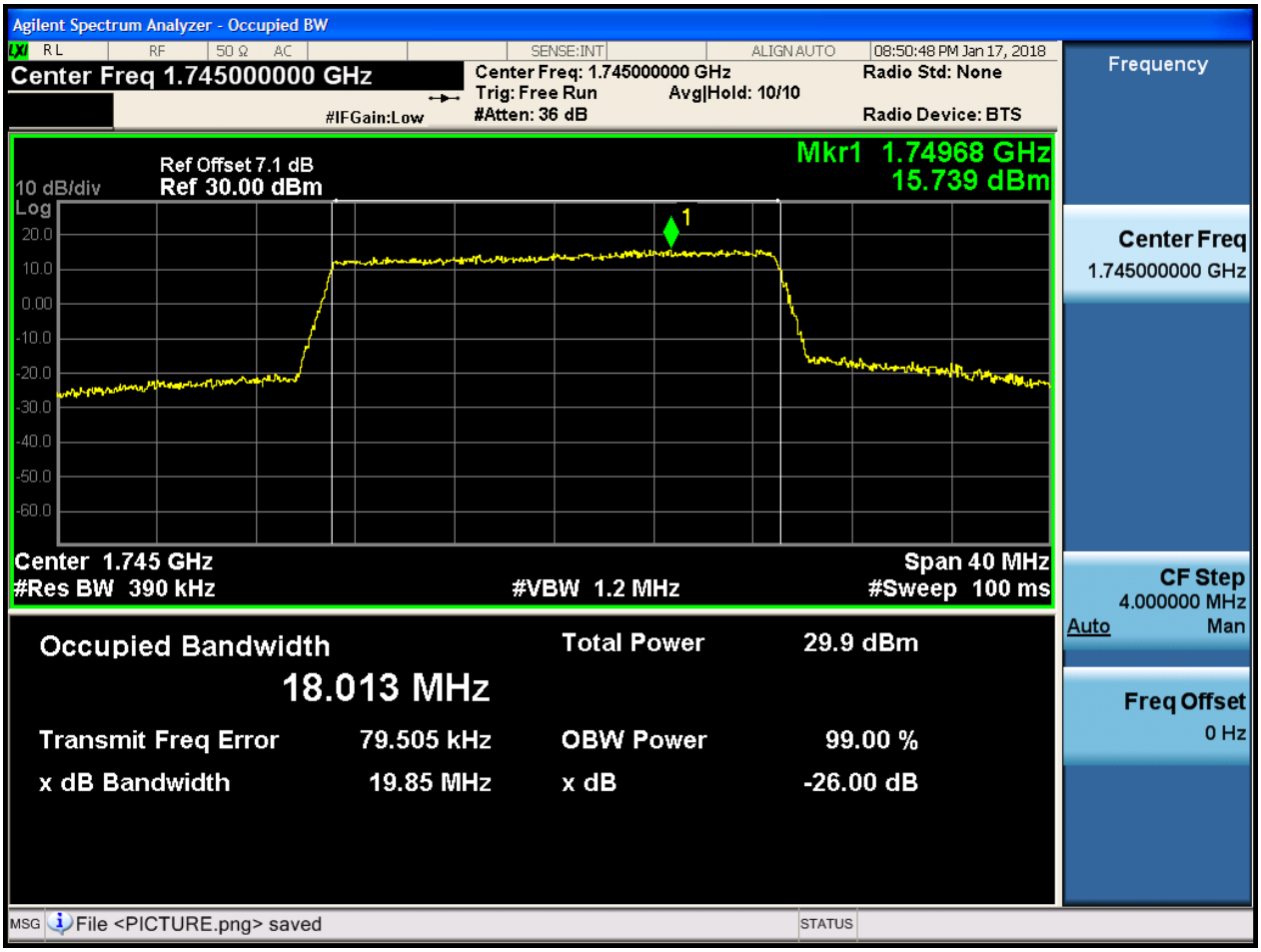
4.1.1.2.6.3 Test Channel = HCH

4.1.1.2.6.3.1 Test RB = RB100#0



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