



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]	EIRP [dBm]	Limit [dBm]	Verdict
Band4	LTE/TM1	1.4	LCH	RB1#0	21.38	21.88	30	PASS
				RB1#3	21.52	22.02	30	PASS
				RB1#5	21.42	21.92	30	PASS
				RB3#0	21.44	21.94	30	PASS
				RB3#2	21.53	22.03	30	PASS
				RB3#3	21.53	22.03	30	PASS
				RB6#0	20.40	20.90	30	PASS
			MCH	RB1#0	21.37	21.87	30	PASS
				RB1#3	21.50	22.00	30	PASS
				RB1#5	21.37	21.87	30	PASS
				RB3#0	21.50	22.00	30	PASS
				RB3#2	21.55	22.05	30	PASS
				RB3#3	21.54	22.04	30	PASS
				RB6#0	20.43	20.93	30	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
			HCH	RB1#0	21.43	21.93	30	PASS
				RB1#3	21.58	22.08	30	PASS
				RB1#5	21.38	21.88	30	PASS
				RB3#0	21.63	22.13	30	PASS
				RB3#2	21.53	22.03	30	PASS
				RB3#3	21.50	22.00	30	PASS
				RB6#0	20.45	20.95	30	PASS
		3	LCH	RB1#0	21.47	21.97	30	PASS
				RB1#7	21.56	22.06	30	PASS
				RB1#14	21.44	21.94	30	PASS
				RB8#0	20.45	20.95	30	PASS
				RB8#4	20.48	20.98	30	PASS
				RB8#7	20.42	20.92	30	PASS
				RB15#0	20.49	20.99	30	PASS
			MCH	RB1#0	21.45	21.95	30	PASS
				RB1#7	21.57	22.07	30	PASS
				RB1#14	21.40	21.90	30	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB8#0	20.46	20.96	30	PASS
				RB8#4	20.50	21.00	30	PASS
				RB8#7	20.42	20.92	30	PASS
				RB15#0	20.44	20.94	30	PASS
			HCH	RB1#0	21.46	21.96	30	PASS
				RB1#7	21.59	22.09	30	PASS
				RB1#14	21.45	21.95	30	PASS
				RB8#0	20.45	20.95	30	PASS
				RB8#4	20.48	20.98	30	PASS
				RB8#7	20.44	20.94	30	PASS
				RB15#0	20.46	20.96	30	PASS
		5	LCH	RB1#0	21.37	21.87	30	PASS
				RB1#13	21.48	21.98	30	PASS
				RB1#24	21.46	21.96	30	PASS
				RB12#0	20.49	20.99	30	PASS
				RB12#6	20.54	21.04	30	PASS
				RB12#13	20.49	20.99	30	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB25#0	20.49	20.99	30	PASS
			MCH	RB1#0	21.44	21.94	30	PASS
				RB1#13	21.53	22.03	30	PASS
				RB1#24	21.39	21.89	30	PASS
				RB12#0	20.46	20.96	30	PASS
				RB12#6	20.56	21.06	30	PASS
				RB12#13	20.44	20.94	30	PASS
				RB25#0	20.47	20.97	30	PASS
			HCH	RB1#0	21.38	21.88	30	PASS
				RB1#13	21.51	22.01	30	PASS
				RB1#24	21.37	21.87	30	PASS
				RB12#0	20.43	20.93	30	PASS
				RB12#6	20.58	21.08	30	PASS
				RB12#13	20.45	20.95	30	PASS
				RB25#0	20.51	21.01	30	PASS
		10	LCH	RB1#0	21.41	21.91	30	PASS
				RB1#25	21.60	22.10	30	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB1#49	21.47	21.97	30	PASS
				RB25#0	20.50	21.00	30	PASS
				RB25#13	20.60	21.10	30	PASS
				RB25#25	20.58	21.08	30	PASS
				RB50#0	20.54	21.04	30	PASS
			MCH	RB1#0	21.45	21.95	30	PASS
				RB1#25	21.61	22.11	30	PASS
				RB1#49	21.40	21.90	30	PASS
				RB25#0	20.49	20.99	30	PASS
				RB25#13	20.51	21.01	30	PASS
				RB25#25	20.44	20.94	30	PASS
				RB50#0	20.51	21.01	30	PASS
			HCH	RB1#0	21.44	21.94	30	PASS
				RB1#25	21.58	22.08	30	PASS
				RB1#49	21.44	21.94	30	PASS
				RB25#0	20.48	20.98	30	PASS
				RB25#13	20.55	21.05	30	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB25#25	20.51	21.01	30	PASS
				RB50#0	20.49	20.99	30	PASS
		15	LCH	RB1#0	21.40	21.90	30	PASS
				RB1#38	21.50	22.00	30	PASS
				RB1#74	21.40	21.90	30	PASS
				RB38#0	20.49	20.99	30	PASS
				RB38#19	20.54	21.04	30	PASS
				RB38#39	20.52	21.02	30	PASS
				RB75#0	20.47	20.97	30	PASS
			MCH	RB1#0	21.36	21.86	30	PASS
				RB1#38	21.47	21.97	30	PASS
				RB1#74	21.38	21.88	30	PASS
				RB38#0	20.43	20.93	30	PASS
				RB38#19	20.50	21.00	30	PASS
				RB38#39	20.45	20.95	30	PASS
				RB75#0	20.40	20.90	30	PASS
			HCH	RB1#0	21.34	21.84	30	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB1#38	21.39	21.89	30	PASS
				RB1#74	21.33	21.83	30	PASS
				RB38#0	20.47	20.97	30	PASS
				RB38#19	20.51	21.01	30	PASS
				RB38#39	20.47	20.97	30	PASS
				RB75#0	20.48	20.98	30	PASS
		20	LCH	RB1#0	21.23	21.73	30	PASS
				RB1#50	21.71	22.21	30	PASS
				RB1#99	21.29	21.79	30	PASS
				RB50#0	20.48	20.98	30	PASS
				RB50#25	20.56	21.06	30	PASS
				RB50#50	20.53	21.03	30	PASS
				RB100#0	20.55	21.05	30	PASS
			MCH	RB1#0	21.16	21.66	30	PASS
				RB1#50	21.61	22.11	30	PASS
				RB1#99	21.25	21.75	30	PASS
				RB50#0	20.45	20.95	30	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB50#25	20.53	21.03	30	PASS
				RB50#50	20.48	20.98	30	PASS
				RB100#0	20.47	20.97	30	PASS
			HCH	RB1#0	21.17	21.67	30	PASS
				RB1#50	21.66	22.16	30	PASS
				RB1#99	21.28	21.78	30	PASS
				RB50#0	20.47	20.97	30	PASS
				RB50#25	20.53	21.03	30	PASS
				RB50#50	20.51	21.01	30	PASS
				RB100#0	20.51	21.01	30	PASS
	LTE/TM2	1.4	LCH	RB1#0	20.62	21.12	30	PASS
				RB1#3	20.83	21.33	30	PASS
				RB1#5	20.65	21.15	30	PASS
				RB3#0	20.65	21.15	30	PASS
				RB3#2	20.63	21.13	30	PASS
				RB3#3	20.58	21.08	30	PASS
				RB6#0	19.63	20.13	30	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
			MCH	RB1#0	20.51	21.01	30	PASS
				RB1#3	20.68	21.18	30	PASS
				RB1#5	20.48	20.98	30	PASS
				RB3#0	20.72	21.22	30	PASS
				RB3#2	20.71	21.21	30	PASS
				RB3#3	20.73	21.23	30	PASS
				RB6#0	19.69	20.19	30	PASS
			HCH	RB1#0	20.83	21.33	30	PASS
				RB1#3	21.02	21.52	30	PASS
				RB1#5	20.86	21.36	30	PASS
				RB3#0	20.74	21.24	30	PASS
				RB3#2	20.81	21.31	30	PASS
				RB3#3	20.73	21.23	30	PASS
				RB6#0	19.40	19.90	30	PASS
		3	LCH	RB1#0	20.92	21.42	30	PASS
				RB1#7	21.03	21.53	30	PASS
				RB1#14	20.88	21.38	30	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB8#0	19.58	20.08	30	PASS
				RB8#4	19.65	20.15	30	PASS
				RB8#7	19.59	20.09	30	PASS
				RB15#0	19.55	20.05	30	PASS
			MCH	RB1#0	20.51	21.01	30	PASS
				RB1#7	20.59	21.09	30	PASS
				RB1#14	20.42	20.92	30	PASS
				RB8#0	19.61	20.11	30	PASS
				RB8#4	19.63	20.13	30	PASS
				RB8#7	19.56	20.06	30	PASS
				RB15#0	19.54	20.04	30	PASS
			HCH	RB1#0	20.59	21.09	30	PASS
				RB1#7	20.69	21.19	30	PASS
				RB1#14	20.49	20.99	30	PASS
				RB8#0	19.50	20.00	30	PASS
				RB8#4	19.56	20.06	30	PASS
				RB8#7	19.53	20.03	30	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
		5		RB15#0	19.47	19.97	30	PASS
				RB1#0	20.59	21.09	30	PASS
			LCH	RB1#13	20.70	21.20	30	PASS
				RB1#24	20.66	21.16	30	PASS
				RB12#0	19.60	20.10	30	PASS
				RB12#6	19.66	20.16	30	PASS
				RB12#13	19.55	20.05	30	PASS
				RB25#0	19.45	19.95	30	PASS
			MCH	RB1#0	20.94	21.44	30	PASS
				RB1#13	21.08	21.58	30	PASS
				RB1#24	20.94	21.44	30	PASS
				RB12#0	19.58	20.08	30	PASS
				RB12#6	19.69	20.19	30	PASS
				RB12#13	19.57	20.07	30	PASS
				RB25#0	19.56	20.06	30	PASS
			HCH	RB1#0	20.62	21.12	30	PASS
				RB1#13	20.73	21.23	30	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB1#24	20.61	21.11	30	PASS
				RB12#0	19.57	20.07	30	PASS
				RB12#6	19.62	20.12	30	PASS
				RB12#13	19.54	20.04	30	PASS
				RB25#0	19.53	20.03	30	PASS
		10	LCH	RB1#0	20.50	21.00	30	PASS
				RB1#25	20.64	21.14	30	PASS
				RB1#49	20.43	20.93	30	PASS
				RB25#0	19.57	20.07	30	PASS
				RB25#13	19.63	20.13	30	PASS
				RB25#25	19.64	20.14	30	PASS
				RB50#0	19.58	20.08	30	PASS
			MCH	RB1#0	20.52	21.02	30	PASS
				RB1#25	20.69	21.19	30	PASS
				RB1#49	20.54	21.04	30	PASS
				RB25#0	19.62	20.12	30	PASS
				RB25#13	19.65	20.15	30	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB25#25	19.59	20.09	30	PASS
				RB50#0	19.55	20.05	30	PASS
			HCH	RB1#0	20.86	21.36	30	PASS
				RB1#25	21.08	21.58	30	PASS
				RB1#49	20.89	21.39	30	PASS
				RB25#0	19.55	20.05	30	PASS
				RB25#13	19.62	20.12	30	PASS
				RB25#25	19.57	20.07	30	PASS
				RB50#0	19.53	20.03	30	PASS
		15	LCH	RB1#0	20.92	21.42	30	PASS
				RB1#38	21.09	21.59	30	PASS
				RB1#74	20.94	21.44	30	PASS
				RB38#0	19.46	19.96	30	PASS
				RB38#19	19.56	20.06	30	PASS
				RB38#39	19.52	20.02	30	PASS
				RB75#0	19.51	20.01	30	PASS
			MCH	RB1#0	20.83	21.33	30	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB1#38	20.95	21.45	30	PASS
				RB1#74	20.84	21.34	30	PASS
				RB38#0	19.49	19.99	30	PASS
				RB38#19	19.56	20.06	30	PASS
				RB38#39	19.51	20.01	30	PASS
				RB75#0	19.47	19.97	30	PASS
			HCH	RB1#0	20.38	20.88	30	PASS
				RB1#38	20.41	20.91	30	PASS
				RB1#74	20.37	20.87	30	PASS
				RB38#0	19.49	19.99	30	PASS
				RB38#19	19.50	20.00	30	PASS
				RB38#39	19.48	19.98	30	PASS
				RB75#0	19.49	19.99	30	PASS
		20	LCH	RB1#0	20.81	21.31	30	PASS
				RB1#50	21.20	21.70	30	PASS
				RB1#99	20.84	21.34	30	PASS
				RB50#0	19.57	20.07	30	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB50#25	19.60	20.10	30	PASS
				RB50#50	19.62	20.12	30	PASS
				RB100#0	19.61	20.11	30	PASS
			MCH	RB1#0	20.68	21.18	30	PASS
				RB1#50	21.05	21.55	30	PASS
				RB1#99	20.72	21.22	30	PASS
				RB50#0	19.45	19.95	30	PASS
				RB50#25	19.53	20.03	30	PASS
				RB50#50	19.50	20.00	30	PASS
				RB100#0	19.50	20.00	30	PASS
			HCH	RB1#0	20.68	21.18	30	PASS
				RB1#50	21.17	21.67	30	PASS
				RB1#99	20.79	21.29	30	PASS
				RB50#0	19.50	20.00	30	PASS
				RB50#25	19.58	20.08	30	PASS
				RB50#50	19.56	20.06	30	PASS
				RB100#0	19.54	20.04	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,

$$\text{ERP [dBm]} = \text{SGP [dBm]} - \text{Cable Loss [dB]} + \text{Gain [dBd]}$$

$$\text{EIRP [dBm]} = \text{SGP [dBm]} - \text{Cable Loss [dB]} + \text{Gain [dBi]}$$

b, SGP = Signal Generator Level

Note2:

$$\text{SET Span} = 1.5 * \text{OBW}$$

$$\text{SET RBW} = 1\% \text{ of the OBW, not to exceed 1MHz}$$

$$\text{SET VBW} \geq 3 * \text{RBW}$$

$$\text{SET Sweep time} = \text{auto - couple.}$$

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
Band4	LTE/TM1	1.4	LCH	RB1#0	5.31	13	PASS
				RB1#3	5.20	13	PASS
				RB1#5	5.28	13	PASS
				RB3#0	6.06	13	PASS
				RB3#2	6.03	13	PASS
				RB3#3	6.02	13	PASS
				RB6#0	6.61	13	PASS
			MCH	RB1#0	5.55	13	PASS
				RB1#3	5.51	13	PASS
				RB1#5	5.55	13	PASS
				RB3#0	5.26	13	PASS
				RB3#2	5.29	13	PASS
				RB3#3	5.28	13	PASS
				RB6#0	6.28	13	PASS
			HCH	RB1#0	5.83	13	PASS
				RB1#3	5.77	13	PASS
				RB1#5	5.82	13	PASS
				RB3#0	5.75	13	PASS
				RB3#2	5.76	13	PASS
				RB3#3	5.78	13	PASS
				RB6#0	7.04	13	PASS
		3	LCH	RB1#0	5.52	13	PASS
				RB1#7	5.48	13	PASS
				RB1#14	5.63	13	PASS
				RB8#0	6.35	13	PASS
				RB8#4	6.38	13	PASS
				RB8#7	6.08	13	PASS
				RB15#0	6.41	13	PASS
			MCH	RB1#0	5.18	13	PASS
				RB1#7	5.15	13	PASS
				RB1#14	5.21	13	PASS
				RB8#0	6.37	13	PASS
				RB8#4	6.38	13	PASS
				RB8#7	6.51	13	PASS
				RB15#0	5.97	13	PASS

Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
			HCH	RB1#0	5.05	13	PASS
				RB1#7	4.99	13	PASS
				RB1#14	5.03	13	PASS
				RB8#0	6.56	13	PASS
				RB8#4	6.52	13	PASS
				RB8#7	6.55	13	PASS
				RB15#0	6.48	13	PASS
		5	LCH	RB1#0	5.50	13	PASS
				RB1#13	5.52	13	PASS
				RB1#24	5.58	13	PASS
				RB12#0	6.56	13	PASS
				RB12#6	6.49	13	PASS
				RB12#13	6.56	13	PASS
				RB25#0	6.77	13	PASS
			MCH	RB1#0	5.55	13	PASS
				RB1#13	5.51	13	PASS
				RB1#24	5.54	13	PASS
				RB12#0	6.40	13	PASS
				RB12#6	6.44	13	PASS
				RB12#13	6.46	13	PASS
				RB25#0	6.52	13	PASS
			HCH	RB1#0	5.87	13	PASS
				RB1#13	5.78	13	PASS
				RB1#24	5.78	13	PASS
				RB12#0	6.12	13	PASS
				RB12#6	6.12	13	PASS
				RB12#13	6.20	13	PASS
				RB25#0	6.25	13	PASS
		10	LCH	RB1#0	5.65	13	PASS
				RB1#25	5.61	13	PASS
				RB1#49	5.70	13	PASS
				RB25#0	6.70	13	PASS
				RB25#13	6.93	13	PASS
				RB25#25	6.70	13	PASS
				RB50#0	6.44	13	PASS
			MCH	RB1#0	5.18	13	PASS
				RB1#25	5.14	13	PASS
				RB1#49	5.22	13	PASS
				RB25#0	6.58	13	PASS

Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
				RB25#13	6.66	13	PASS
				RB25#25	6.55	13	PASS
				RB50#0	6.77	13	PASS
			HCH	RB1#0	5.12	13	PASS
				RB1#25	5.03	13	PASS
				RB1#49	5.05	13	PASS
				RB25#0	6.77	13	PASS
				RB25#13	6.68	13	PASS
				RB25#25	6.70	13	PASS
				RB50#0	6.54	13	PASS
		15	LCH	RB1#0	4.99	13	PASS
				RB1#38	5.01	13	PASS
				RB1#74	5.00	13	PASS
				RB38#0	6.79	13	PASS
				RB38#19	6.79	13	PASS
				RB38#39	6.67	13	PASS
				RB75#0	7.10	13	PASS
			MCH	RB1#0	5.62	13	PASS
				RB1#38	5.53	13	PASS
				RB1#74	5.59	13	PASS
				RB38#0	6.74	13	PASS
				RB38#19	6.72	13	PASS
				RB38#39	6.75	13	PASS
				RB75#0	6.84	13	PASS
			HCH	RB1#0	5.22	13	PASS
				RB1#38	5.17	13	PASS
				RB1#74	5.14	13	PASS
				RB38#0	6.76	13	PASS
				RB38#19	6.65	13	PASS
				RB38#39	6.64	13	PASS
				RB75#0	7.17	13	PASS
		20	LCH	RB1#0	5.48	13	PASS
				RB1#50	5.31	13	PASS
				RB1#99	5.38	13	PASS
				RB50#0	6.75	13	PASS
				RB50#25	6.78	13	PASS
				RB50#50	6.82	13	PASS
				RB100#0	6.98	13	PASS
			MCH	RB1#0	5.74	13	PASS

Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
				RB1#50	5.45	13	PASS
				RB1#99	5.66	13	PASS
				RB50#0	6.93	13	PASS
				RB50#25	6.97	13	PASS
				RB50#50	6.95	13	PASS
				RB100#0	6.74	13	PASS
			HCH	RB1#0	5.49	13	PASS
				RB1#50	5.34	13	PASS
				RB1#99	5.41	13	PASS
				RB50#0	6.81	13	PASS
				RB50#25	6.89	13	PASS
				RB50#50	6.82	13	PASS
				RB100#0	7.08	13	PASS
	LTE/TM2	1.4	LCH	RB1#0	6.28	13	PASS
				RB1#3	6.25	13	PASS
				RB1#5	6.24	13	PASS
				RB3#0	6.77	13	PASS
				RB3#2	6.75	13	PASS
				RB3#3	6.79	13	PASS
				RB6#0	6.99	13	PASS
			MCH	RB1#0	6.12	13	PASS
				RB1#3	6.08	13	PASS
				RB1#5	6.09	13	PASS
				RB3#0	6.75	13	PASS
				RB3#2	6.73	13	PASS
				RB3#3	6.71	13	PASS
				RB6#0	7.05	13	PASS
			HCH	RB1#0	6.19	13	PASS
				RB1#3	6.08	13	PASS
				RB1#5	6.16	13	PASS
				RB3#0	6.79	13	PASS
				RB3#2	6.74	13	PASS
				RB3#3	6.75	13	PASS
				RB6#0	6.84	13	PASS
		3	LCH	RB1#0	6.12	13	PASS
				RB1#7	6.05	13	PASS
				RB1#14	6.17	13	PASS
				RB8#0	7.48	13	PASS
				RB8#4	7.54	13	PASS

Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
				RB8#7	7.46	13	PASS
				RB15#0	6.67	13	PASS
			MCH	RB1#0	6.64	13	PASS
				RB1#7	6.59	13	PASS
				RB1#14	6.70	13	PASS
				RB8#0	7.10	13	PASS
				RB8#4	6.89	13	PASS
				RB8#7	6.72	13	PASS
				RB15#0	6.64	13	PASS
			HCH	RB1#0	6.05	13	PASS
				RB1#7	6.02	13	PASS
				RB1#14	6.08	13	PASS
				RB8#0	6.76	13	PASS
				RB8#4	6.57	13	PASS
				RB8#7	6.74	13	PASS
				RB15#0	7.29	13	PASS
		5	LCH	RB1#0	6.40	13	PASS
				RB1#13	6.44	13	PASS
				RB1#24	6.48	13	PASS
				RB12#0	7.12	13	PASS
				RB12#6	7.27	13	PASS
				RB12#13	7.26	13	PASS
				RB25#0	7.57	13	PASS
			MCH	RB1#0	5.29	13	PASS
				RB1#13	5.24	13	PASS
				RB1#24	5.28	13	PASS
				RB12#0	6.86	13	PASS
				RB12#6	6.93	13	PASS
				RB12#13	6.95	13	PASS
				RB25#0	7.41	13	PASS
			HCH	RB1#0	6.42	13	PASS
				RB1#13	6.39	13	PASS
				RB1#24	6.36	13	PASS
				RB12#0	7.13	13	PASS
				RB12#6	7.10	13	PASS
				RB12#13	7.24	13	PASS
				RB25#0	7.25	13	PASS
		10	LCH	RB1#0	6.25	13	PASS
				RB1#25	6.17	13	PASS

Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
				RB1#49	6.27	13	PASS
				RB25#0	7.58	13	PASS
				RB25#13	7.65	13	PASS
				RB25#25	7.58	13	PASS
				RB50#0	7.90	13	PASS
			MCH	RB1#0	6.65	13	PASS
				RB1#25	6.58	13	PASS
				RB1#49	6.69	13	PASS
				RB25#0	8.16	13	PASS
				RB25#13	8.18	13	PASS
				RB25#25	7.93	13	PASS
				RB50#0	7.90	13	PASS
			HCH	RB1#0	6.19	13	PASS
				RB1#25	6.11	13	PASS
				RB1#49	6.09	13	PASS
				RB25#0	7.97	13	PASS
				RB25#13	7.78	13	PASS
				RB25#25	7.90	13	PASS
				RB50#0	7.43	13	PASS
		15	LCH	RB1#0	6.85	13	PASS
				RB1#38	6.97	13	PASS
				RB1#74	6.99	13	PASS
				RB38#0	7.99	13	PASS
				RB38#19	8.09	13	PASS
				RB38#39	8.03	13	PASS
				RB75#0	7.72	13	PASS
			MCH	RB1#0	6.19	13	PASS
				RB1#38	6.12	13	PASS
				RB1#74	6.17	13	PASS
				RB38#0	7.82	13	PASS
				RB38#19	7.87	13	PASS
				RB38#39	7.83	13	PASS
				RB75#0	7.56	13	PASS
			HCH	RB1#0	6.70	13	PASS
				RB1#38	6.64	13	PASS
				RB1#74	6.60	13	PASS
				RB38#0	7.94	13	PASS
				RB38#19	7.80	13	PASS
				RB38#39	7.85	13	PASS

Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
				RB75#0	7.78	13	PASS
		20	LCH	RB1#0	7.07	13	PASS
				RB1#50	6.82	13	PASS
				RB1#99	7.05	13	PASS
				RB50#0	8.14	13	PASS
				RB50#25	8.14	13	PASS
				RB50#50	8.04	13	PASS
				RB100#0	7.58	13	PASS
			MCH	RB1#0	5.38	13	PASS
				RB1#50	5.25	13	PASS
				RB1#99	5.32	13	PASS
				RB50#0	7.91	13	PASS
				RB50#25	8.04	13	PASS
				RB50#50	7.98	13	PASS
				RB100#0	8.07	13	PASS
			HCH	RB1#0	6.35	13	PASS
				RB1#50	6.17	13	PASS
				RB1#99	6.26	13	PASS
				RB50#0	7.84	13	PASS
				RB50#25	7.79	13	PASS
				RB50#50	7.77	13	PASS
				RB100#0	7.51	13	PASS

3Appendix_C: Modulation Characteristics

Part I - Test Plots

3.1 For LTE

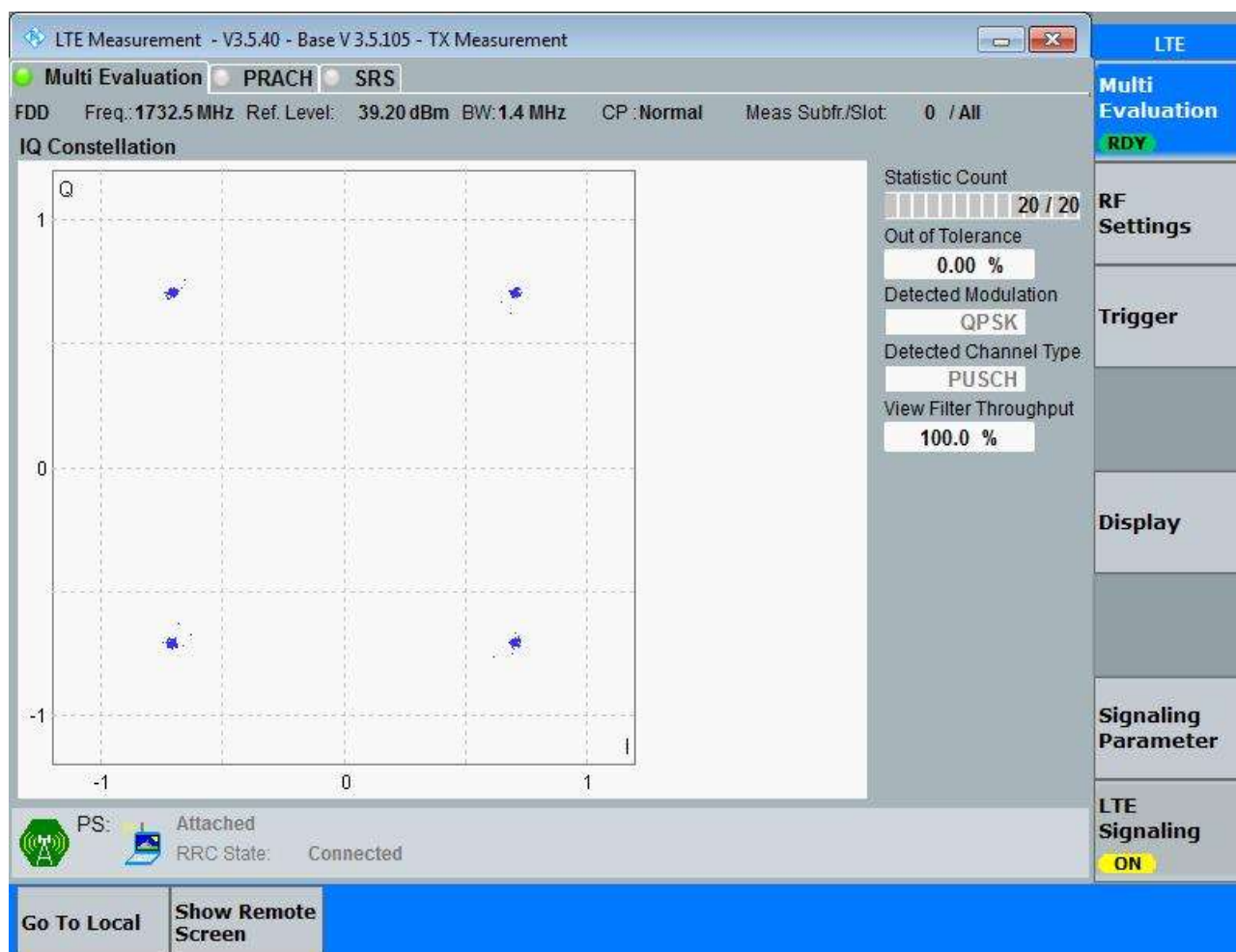
3.1.1 Test Band = Band4

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

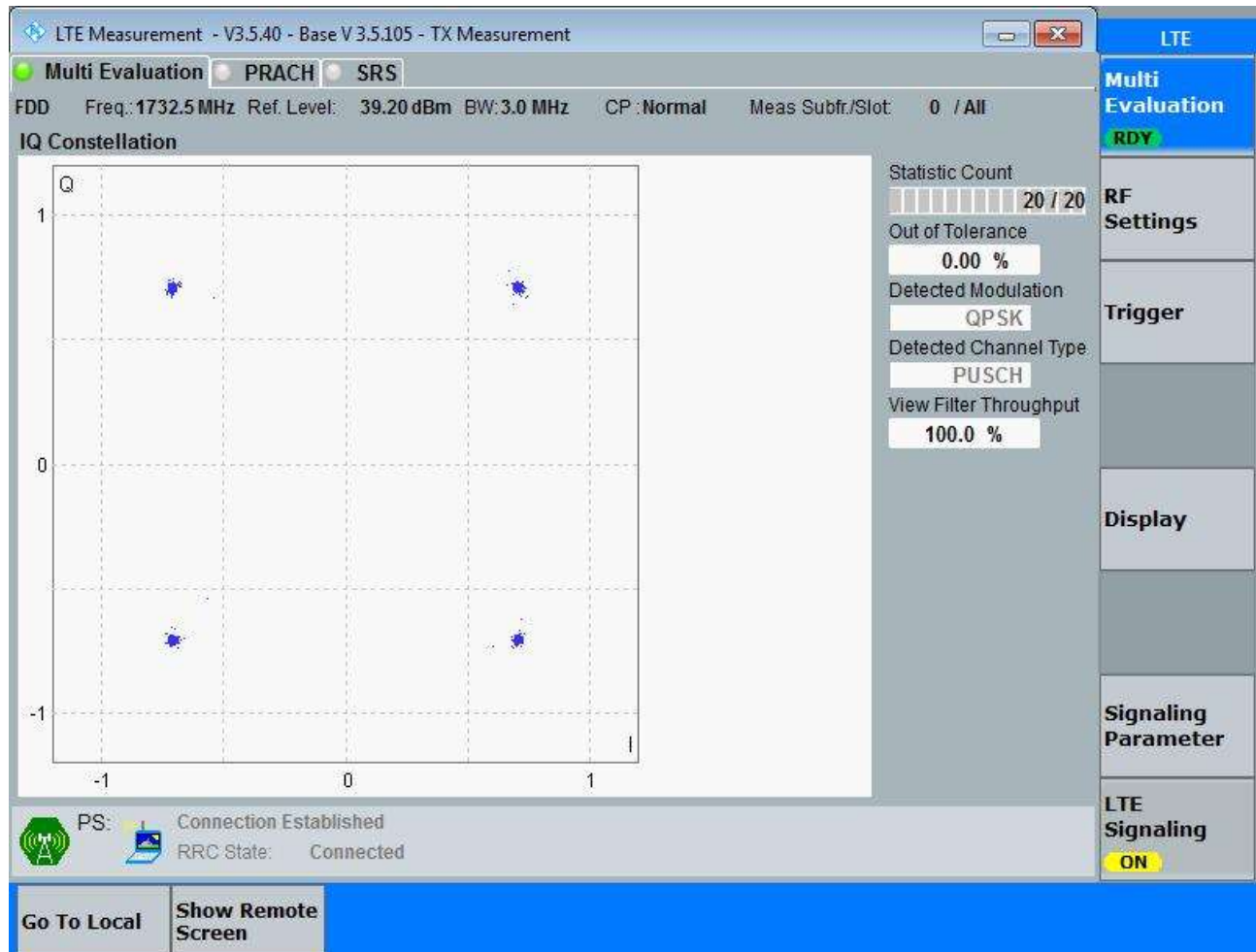
3.1.1.1.1.1.1 Test RB = RB6#0



3.1.1.1.2 Test Bandwidth = 3

3.1.1.1.2.1 Test Channel = MCH

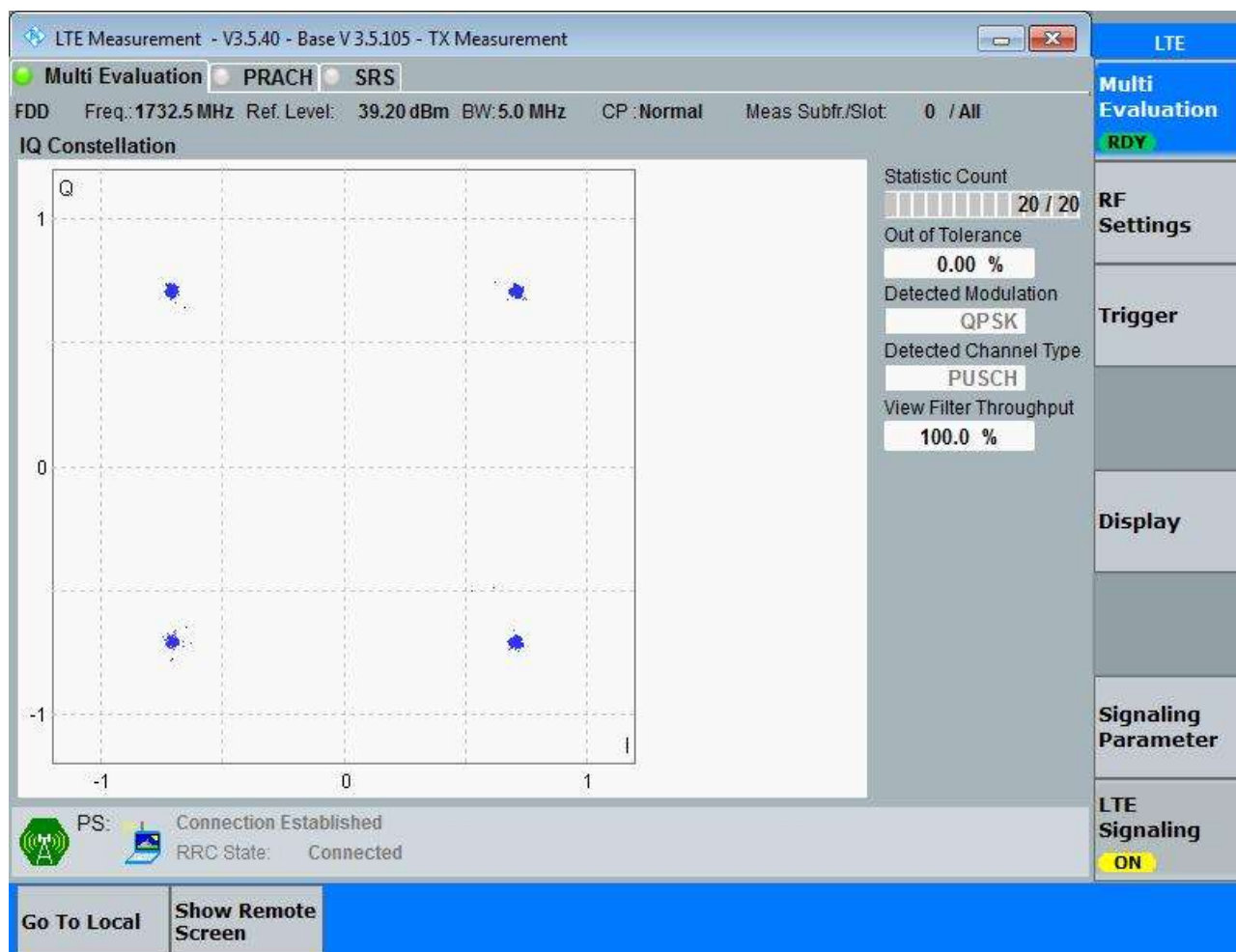
3.1.1.1.2.1.1 Test RB = RB15#0



3.1.1.1.3 Test Bandwidth = 5

3.1.1.1.3.1 Test Channel = MCH

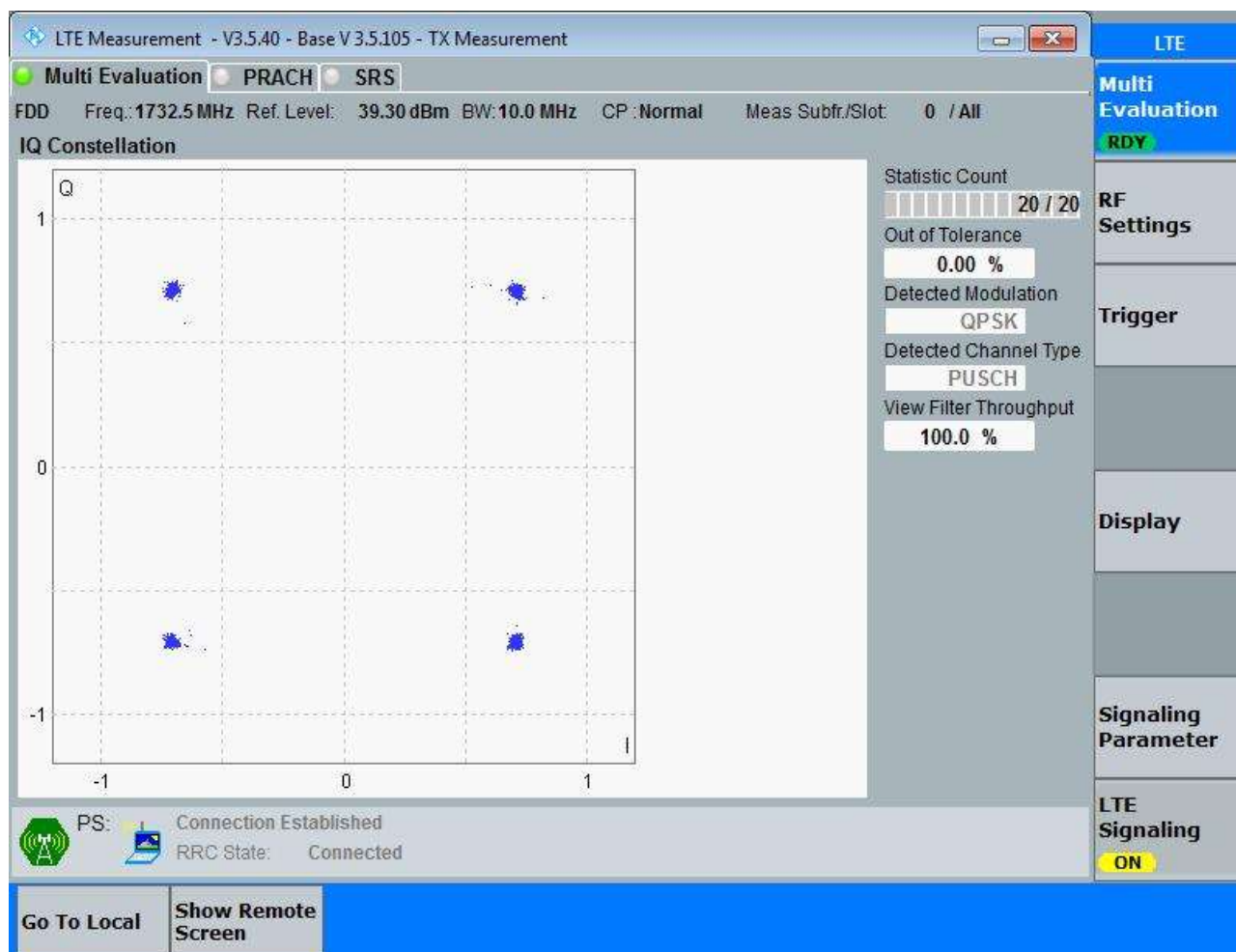
3.1.1.1.3.1.1 Test RB = RB25#0



3.1.1.1.4 Test Bandwidth = 10

3.1.1.1.4.1 Test Channel = MCH

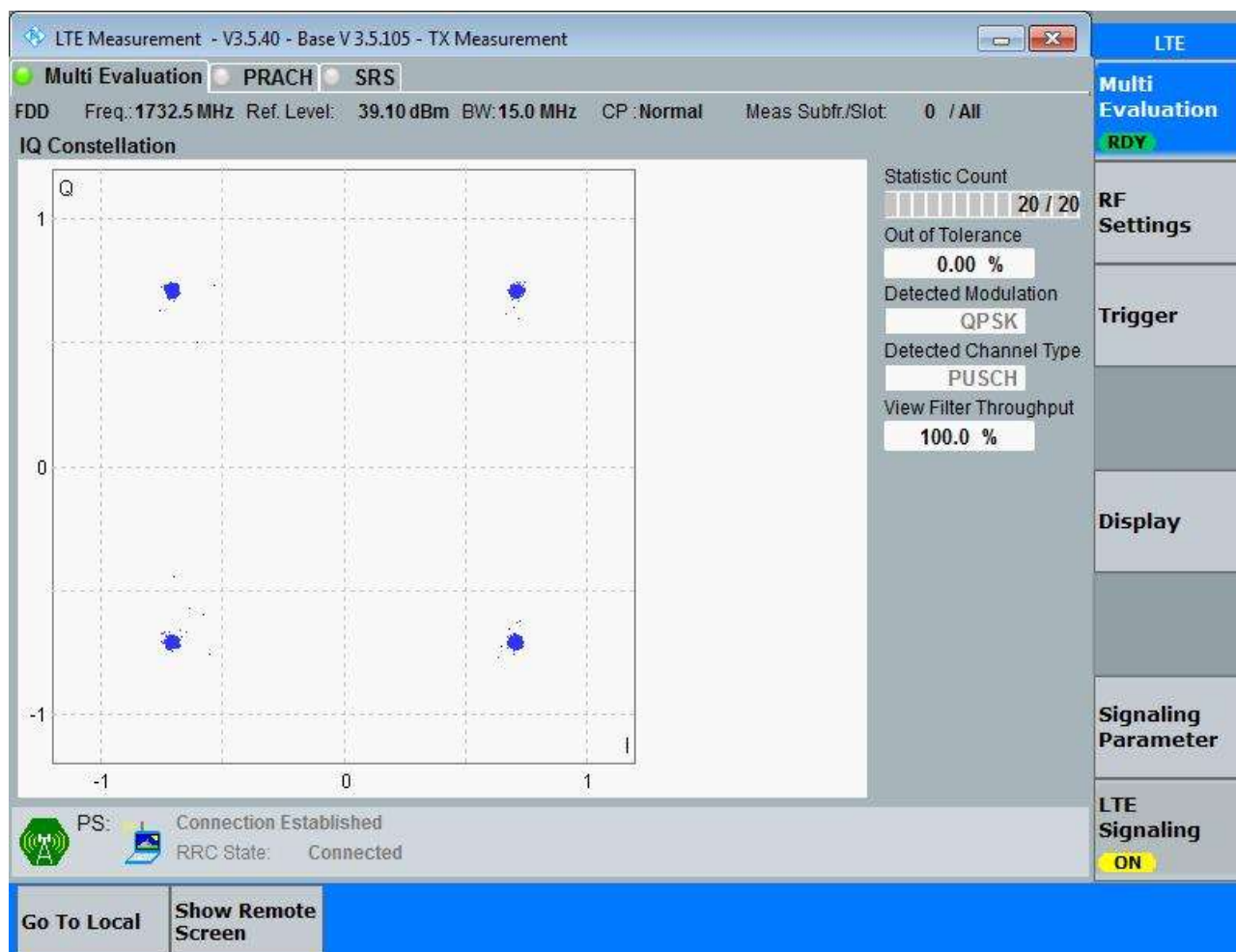
3.1.1.1.4.1.1 Test RB = RB50#0



3.1.1.1.5 Test Bandwidth = 15

3.1.1.1.5.1 Test Channel = MCH

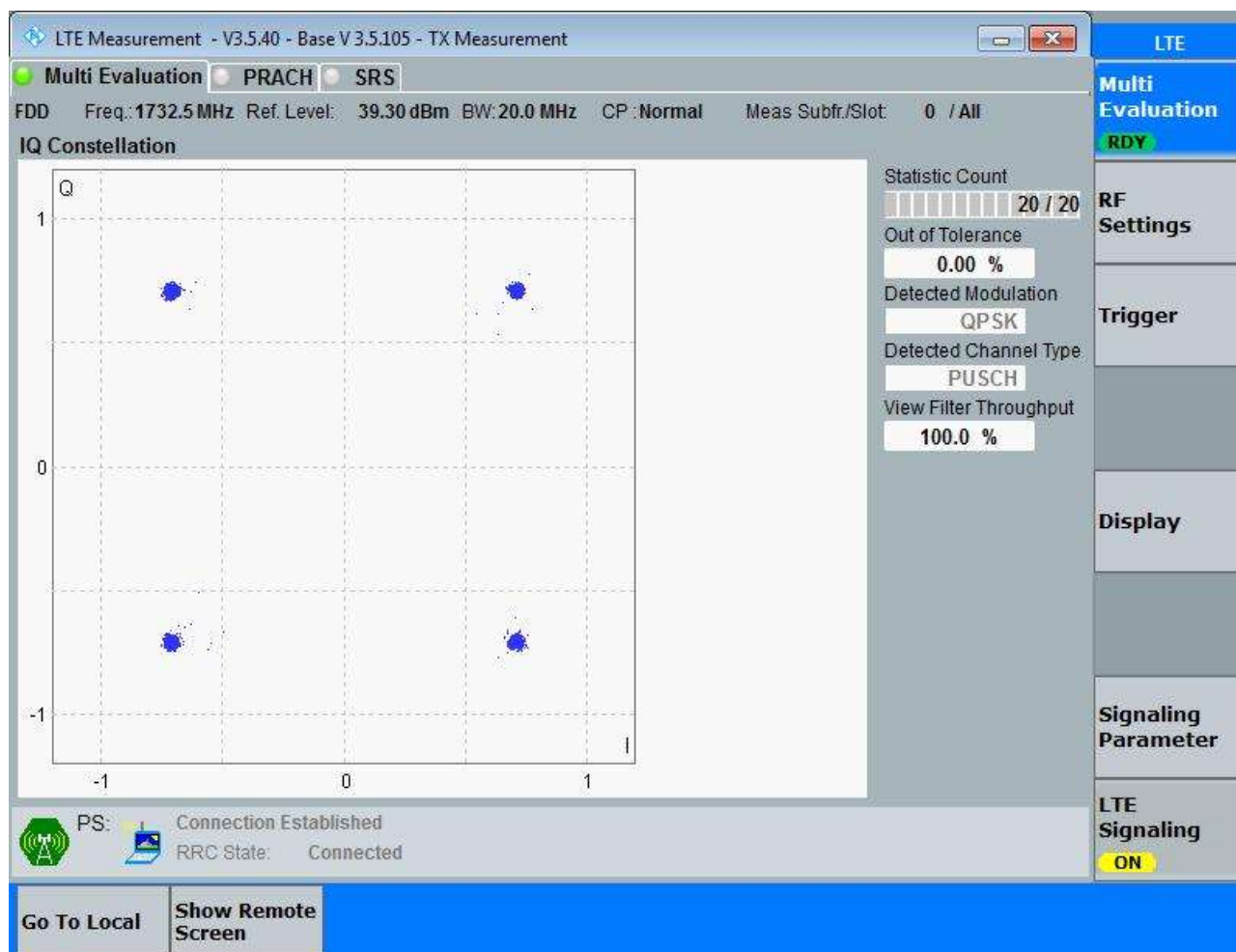
3.1.1.1.5.1.1 Test RB = RB75#0



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

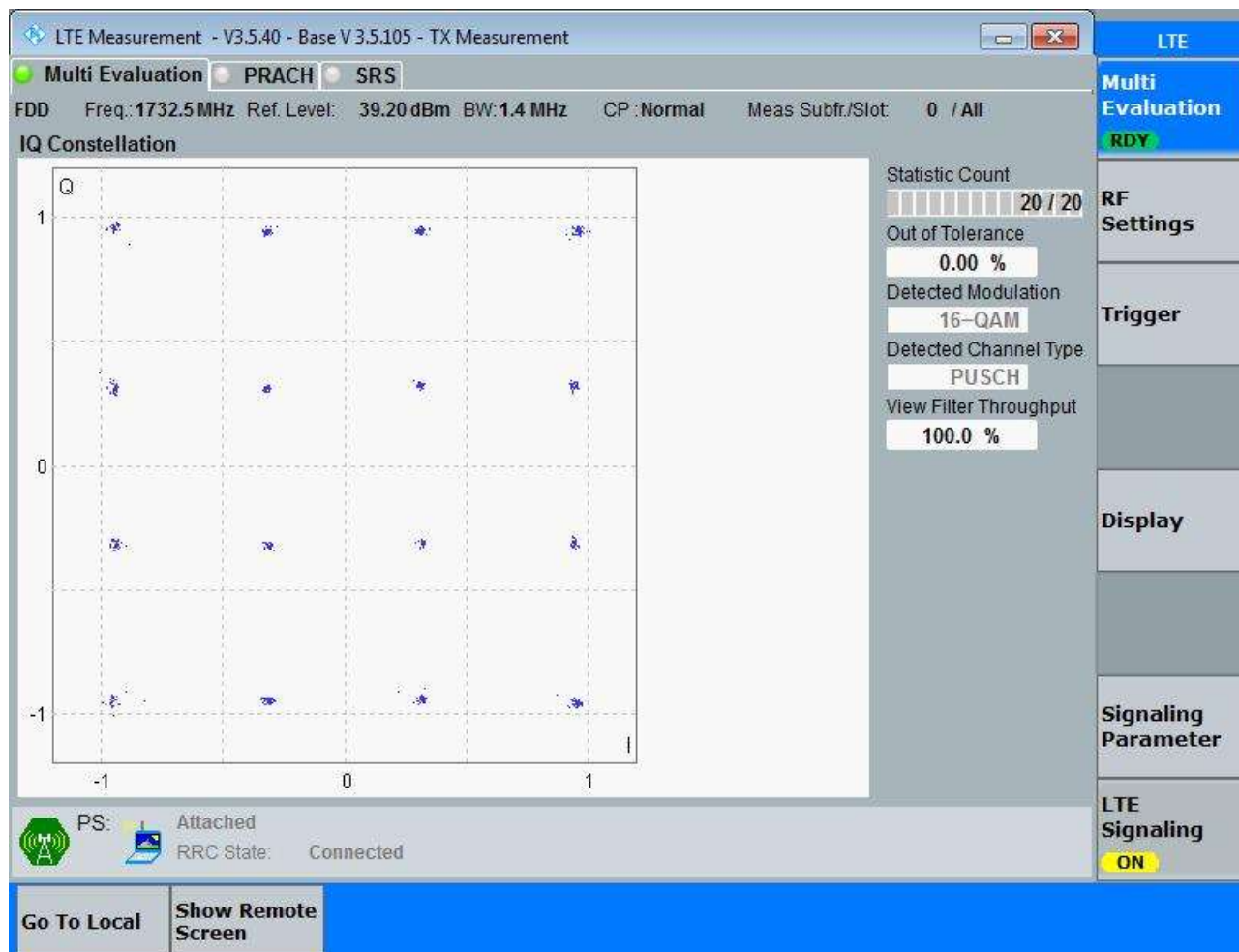


3.1.1.2 Test Mode = LTE/TM2

3.1.1.2.1 Test Bandwidth = 1.4

3.1.1.2.1.1 Test Channel = MCH

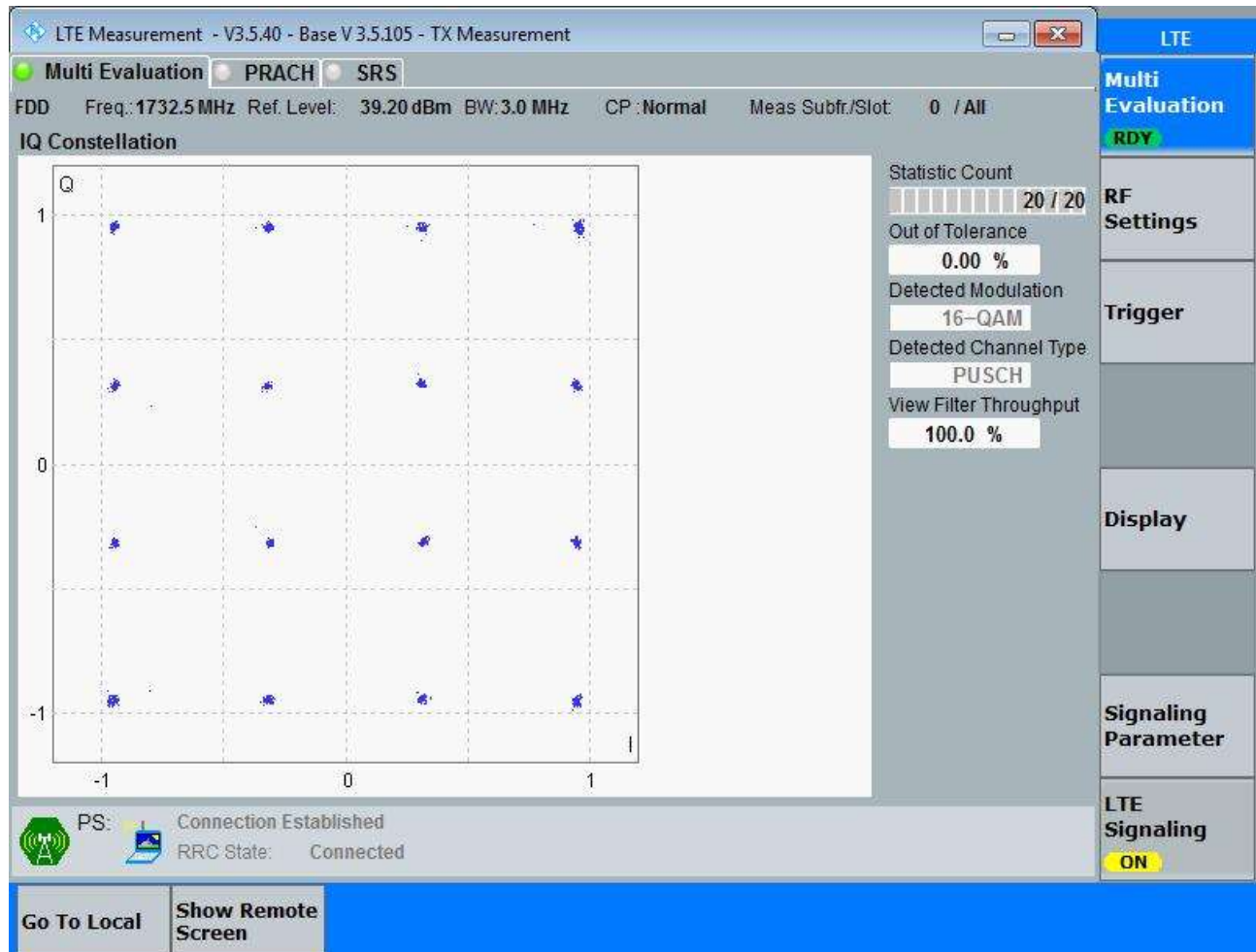
3.1.1.2.1.1.1 Test RB = RB6#0



3.1.1.2.2 Test Bandwidth = 3

3.1.1.2.2.1 Test Channel = MCH

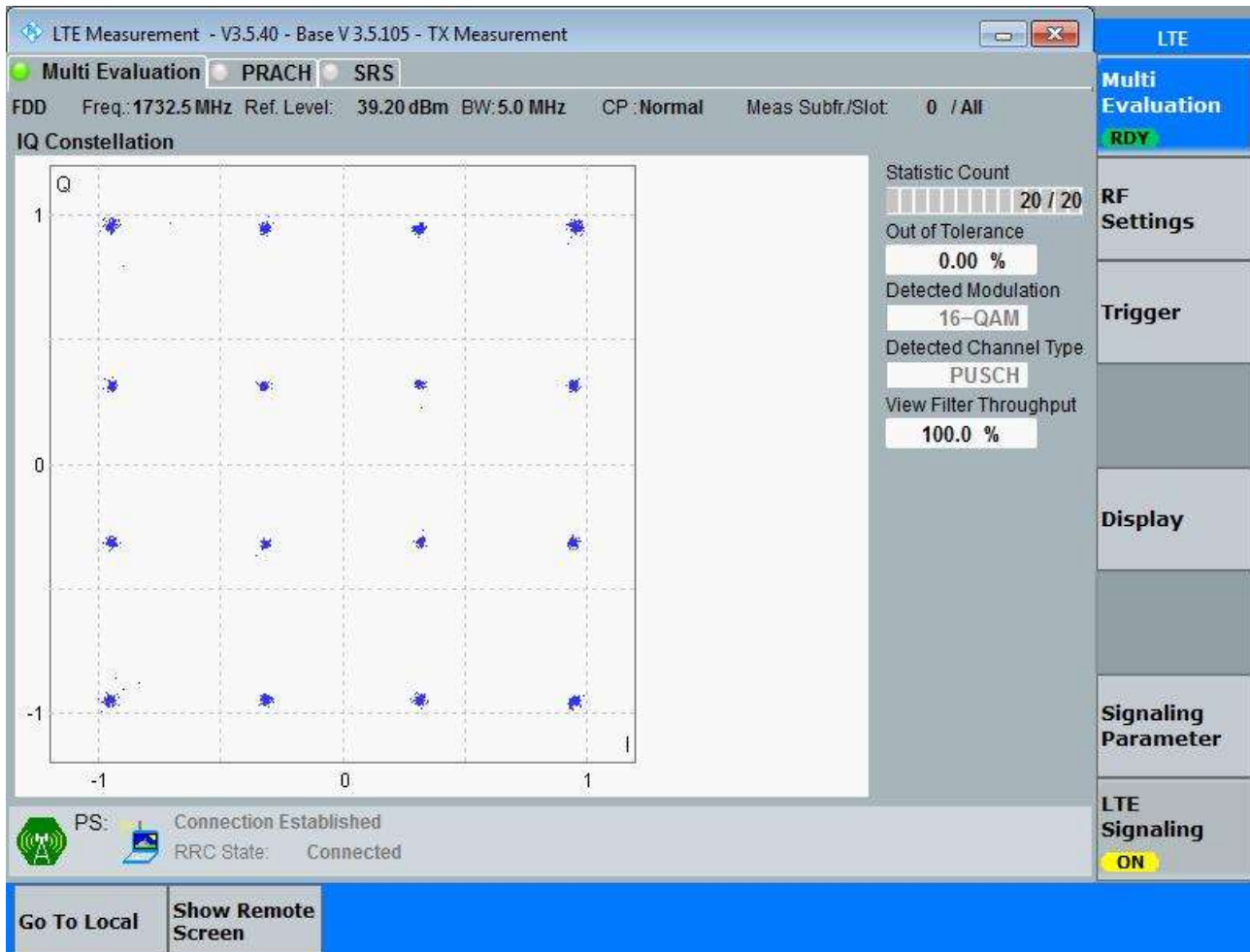
3.1.1.2.2.1.1 Test RB = RB15#0



3.1.1.2.3 Test Bandwidth = 5

3.1.1.2.3.1 Test Channel = MCH

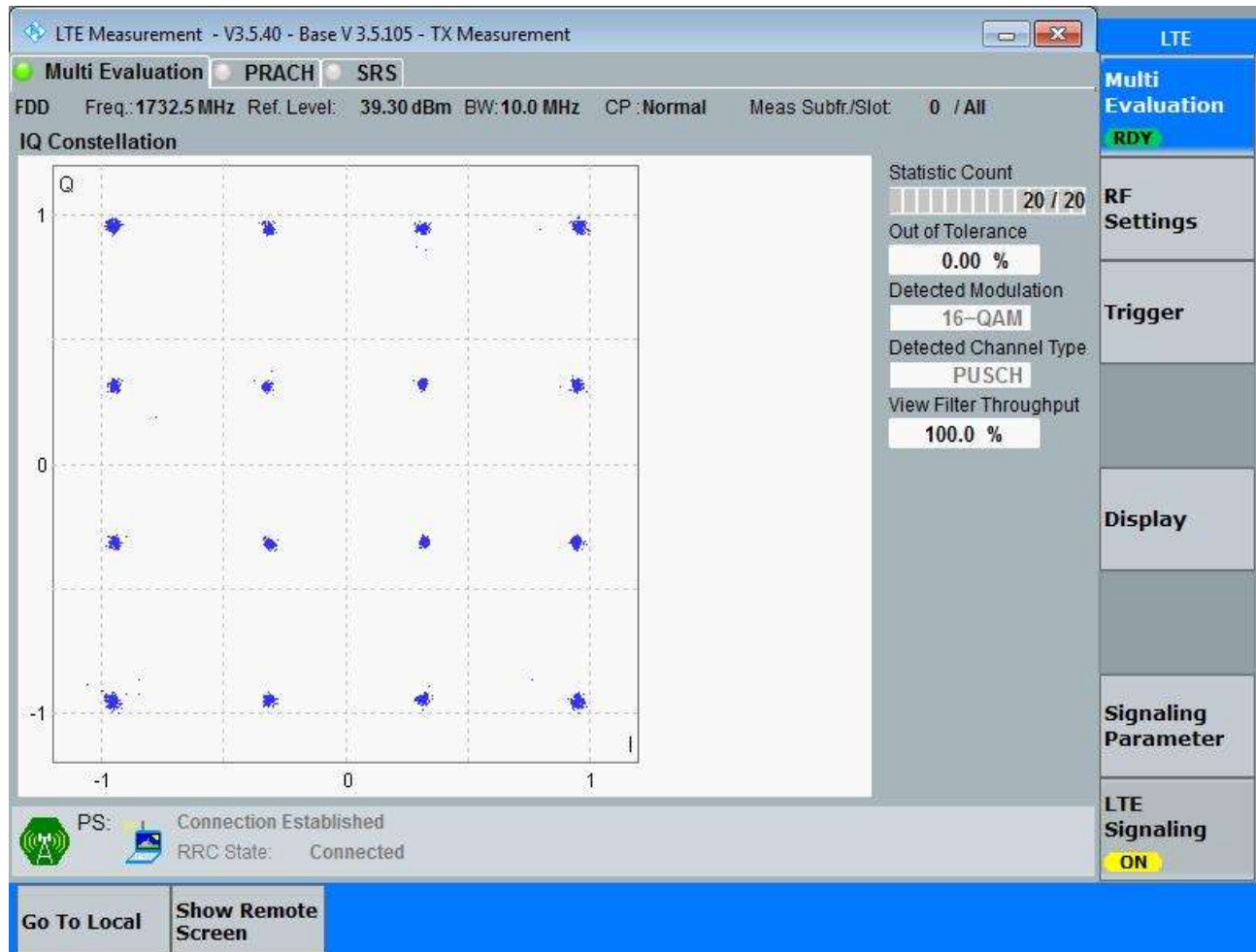
3.1.1.2.3.1.1 Test RB = RB25#0



3.1.1.2.4 Test Bandwidth = 10

3.1.1.2.4.1 Test Channel = MCH

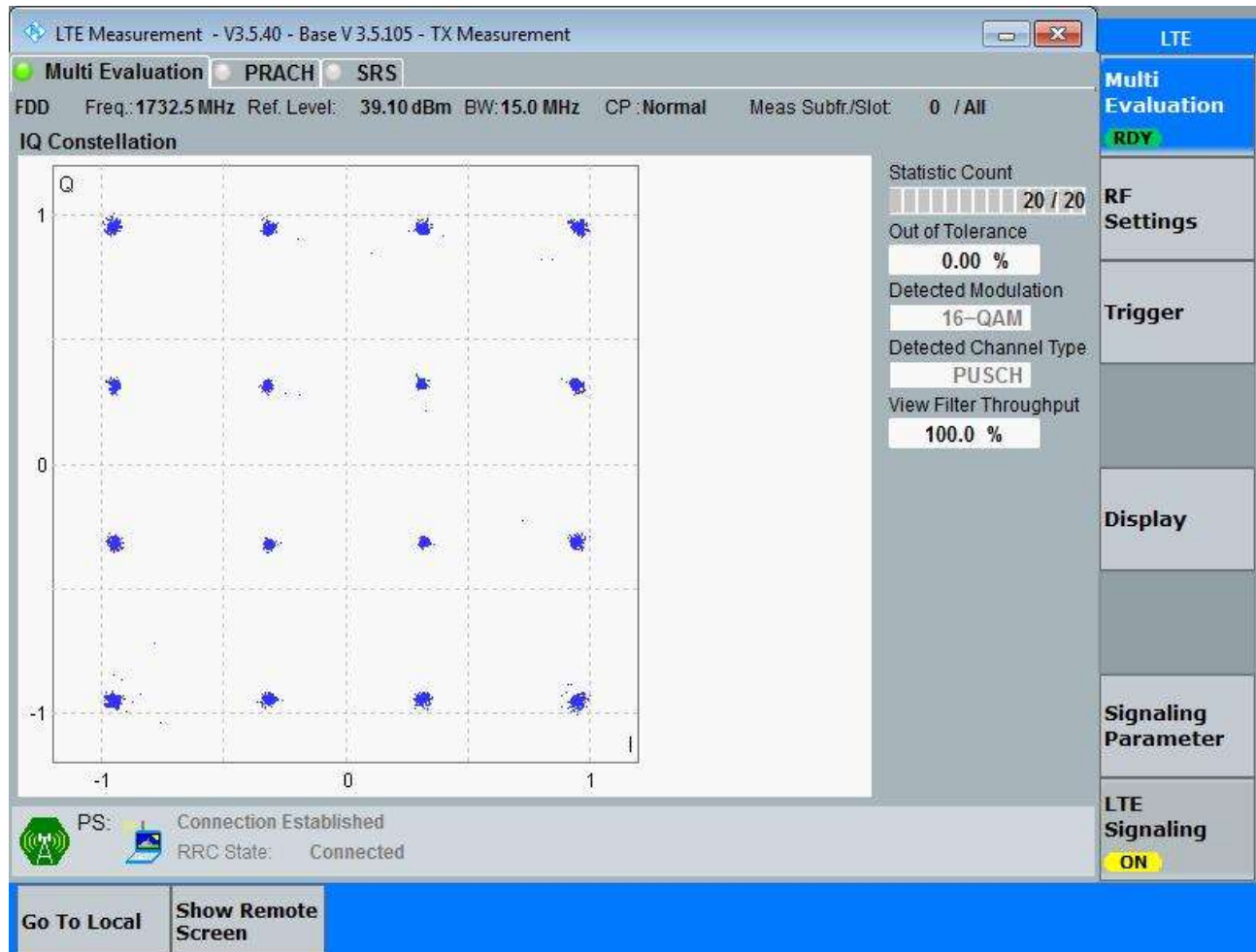
3.1.1.2.4.1.1 Test RB = RB50#0



3.1.1.2.5 Test Bandwidth = 15

3.1.1.2.5.1 Test Channel = MCH

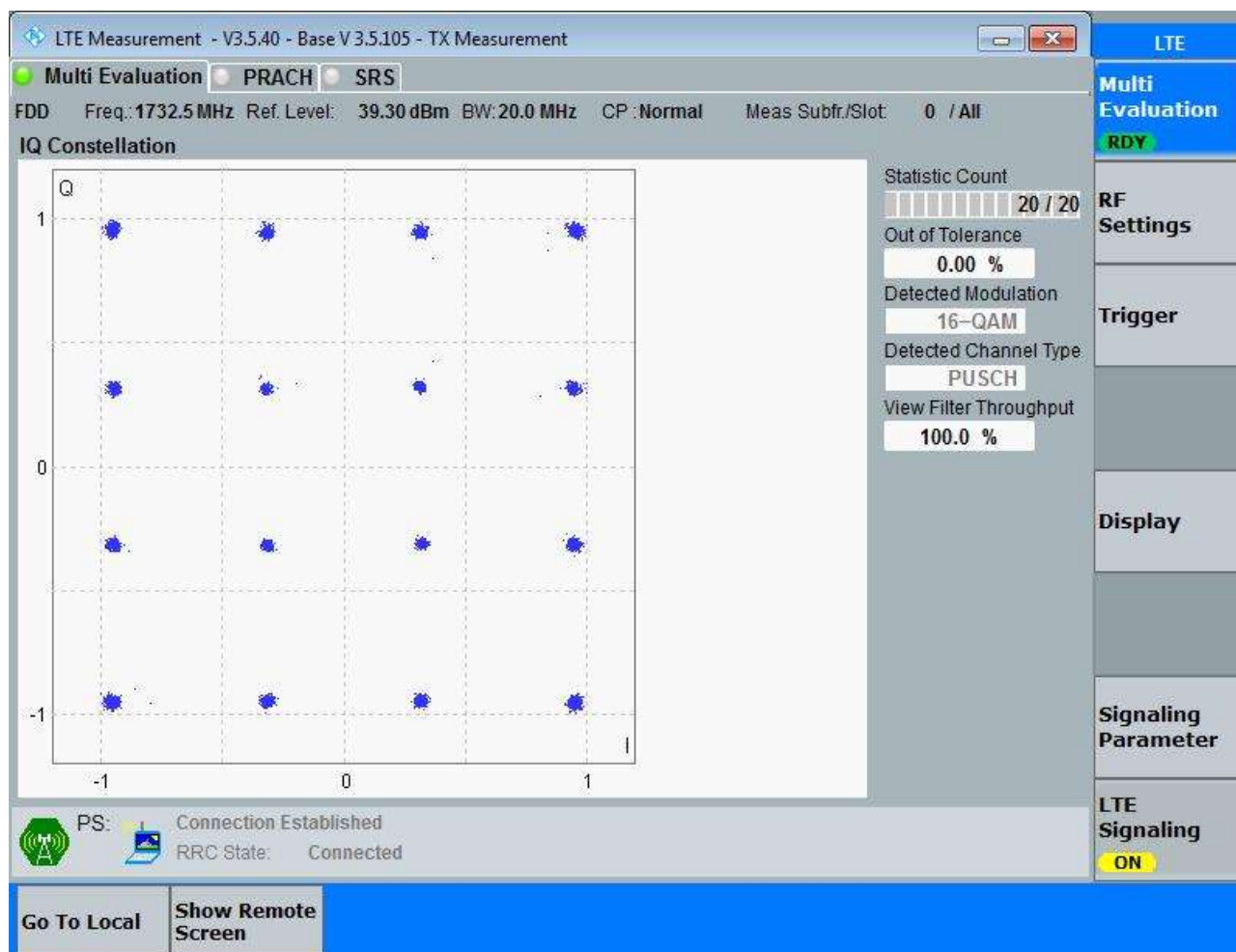
3.1.1.2.5.1.1 Test RB = RB75#0



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



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	1.09	1.27	Pass
			MCH	RB6#0	1.09	1.29	Pass
			HCH	RB6#0	1.10	1.31	Pass
		3	LCH	RB15#0	2.70	2.91	Pass
			MCH	RB15#0	2.69	2.92	Pass
			HCH	RB15#0	2.69	2.92	Pass
		5	LCH	RB25#0	4.50	4.90	Pass
			MCH	RB25#0	4.49	4.91	Pass
			HCH	RB25#0	4.51	5.00	Pass
		10	LCH	RB50#0	8.96	9.75	Pass
			MCH	RB50#0	8.98	9.77	Pass
			HCH	RB50#0	8.99	9.75	Pass
		15	LCH	RB75#0	13.46	14.56	Pass
			MCH	RB75#0	13.48	14.56	Pass
			HCH	RB75#0	13.47	14.47	Pass
		20	LCH	RB100#0	17.96	19.24	Pass
			MCH	RB100#0	17.97	19.26	Pass
			HCH	RB100#0	17.94	19.24	Pass
	LTE/TM2	1.4	LCH	RB6#0	1.10	1.29	Pass
			MCH	RB6#0	1.09	1.29	Pass
			HCH	RB6#0	1.09	1.28	Pass
		3	LCH	RB15#0	2.69	2.93	Pass
			MCH	RB15#0	2.69	2.93	Pass
			HCH	RB15#0	2.69	2.93	Pass
		5	LCH	RB25#0	4.49	4.89	Pass
			MCH	RB25#0	4.49	4.88	Pass
			HCH	RB25#0	4.50	4.93	Pass
		10	LCH	RB50#0	8.97	9.70	Pass
			MCH	RB50#0	8.99	9.79	Pass
			HCH	RB50#0	9.00	9.76	Pass
		15	LCH	RB75#0	13.48	14.53	Pass
			MCH	RB75#0	13.48	14.54	Pass
			HCH	RB75#0	13.46	14.66	Pass
		20	LCH	RB100#0	17.94	19.29	Pass
			MCH	RB100#0	17.95	19.29	Pass



Test Band	Test Mode	Test Bandwidth	Test Channel	Test RB	Occupied Bandwidth [MHz]	Emission Bandwidth [MHz]	Verdict
			HCH	RB100#0	17.95	19.18	Pass

Part II - Test Plots

4.1 For LTE

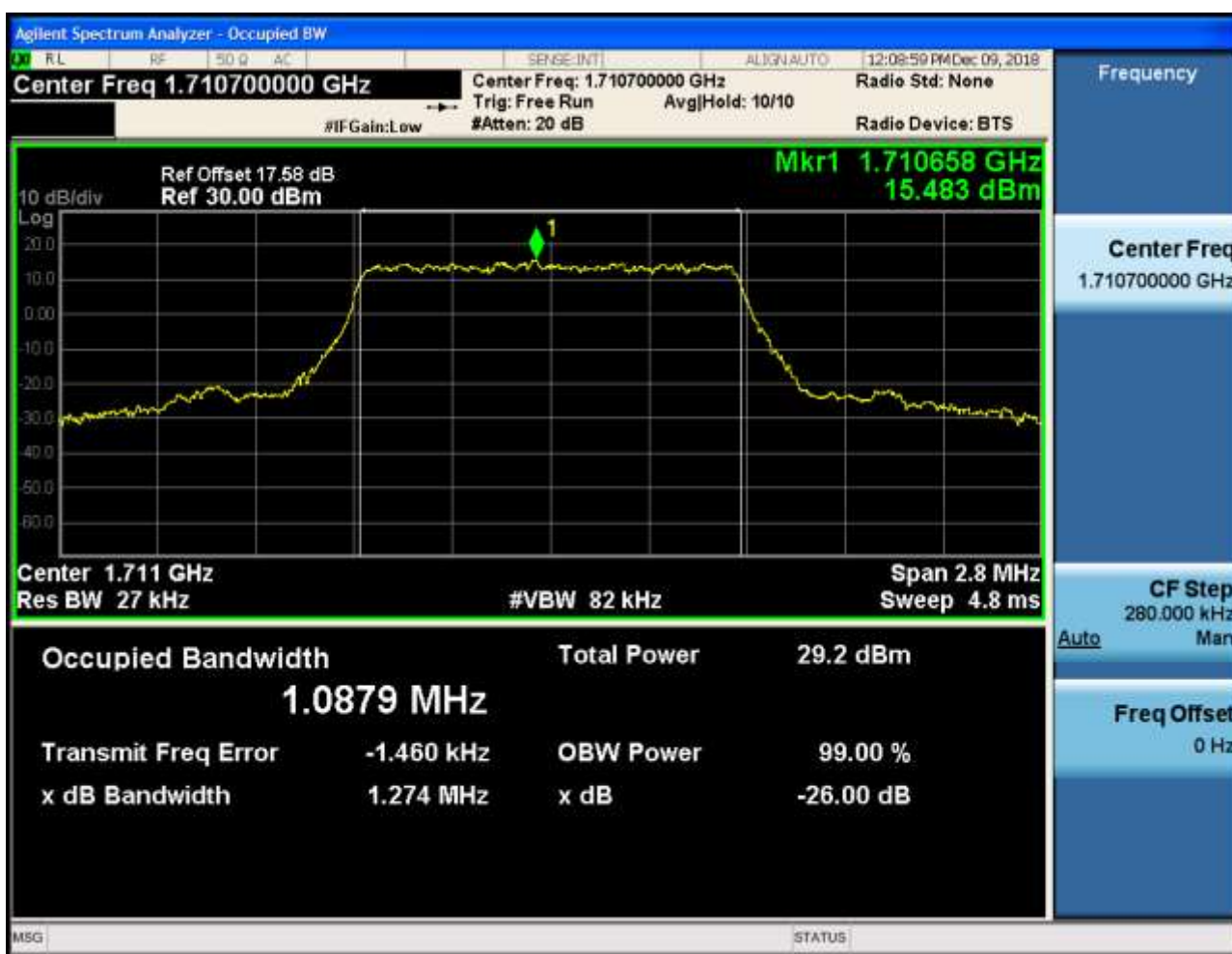
4.1.1 Test Band = Band4

4.1.1.1 Test Mode = LTE/TM1

4.1.1.1.1 Test Bandwidth = 1.4

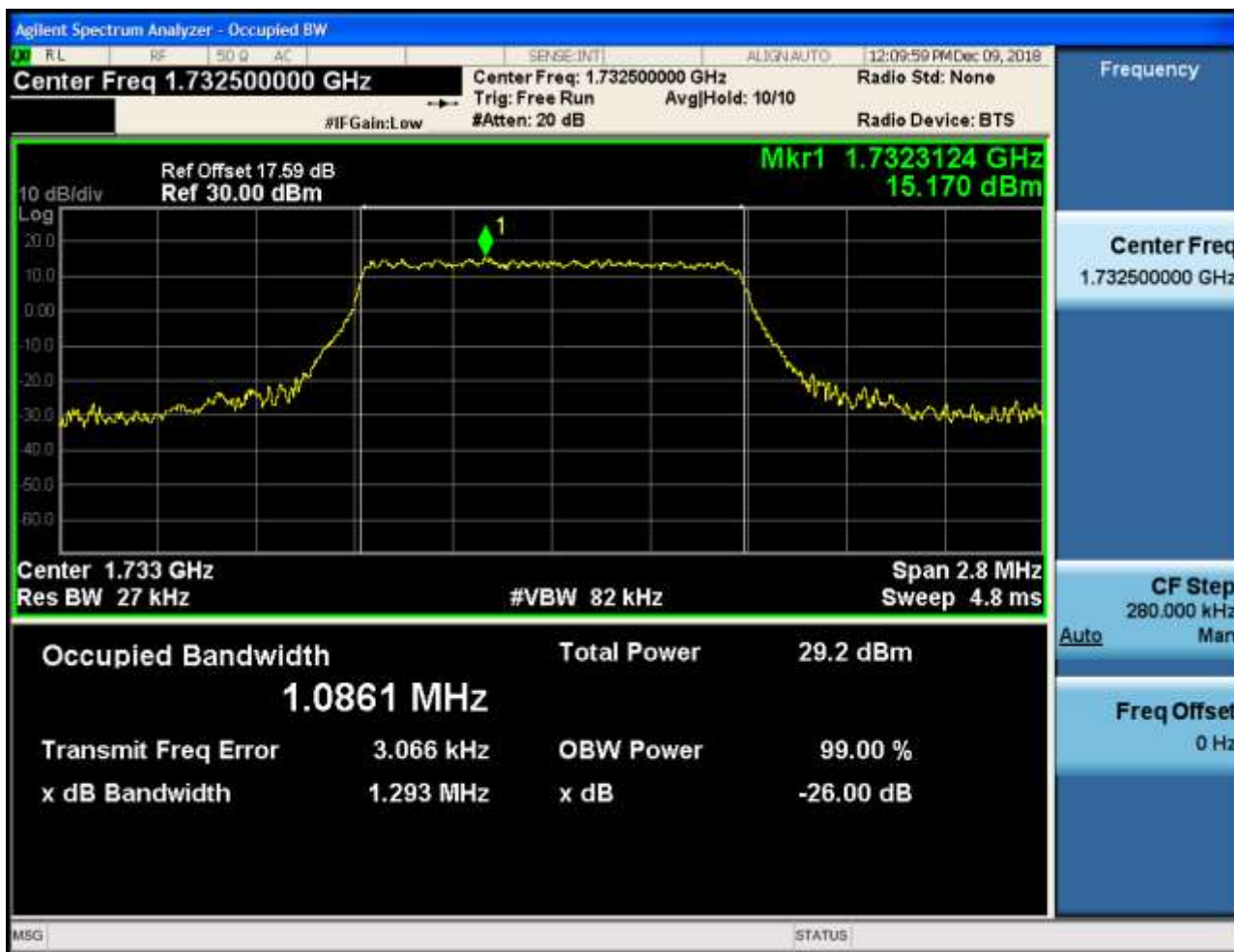
4.1.1.1.1.1 Test Channel = LCH

4.1.1.1.1.1.1 Test RB = RB6#0



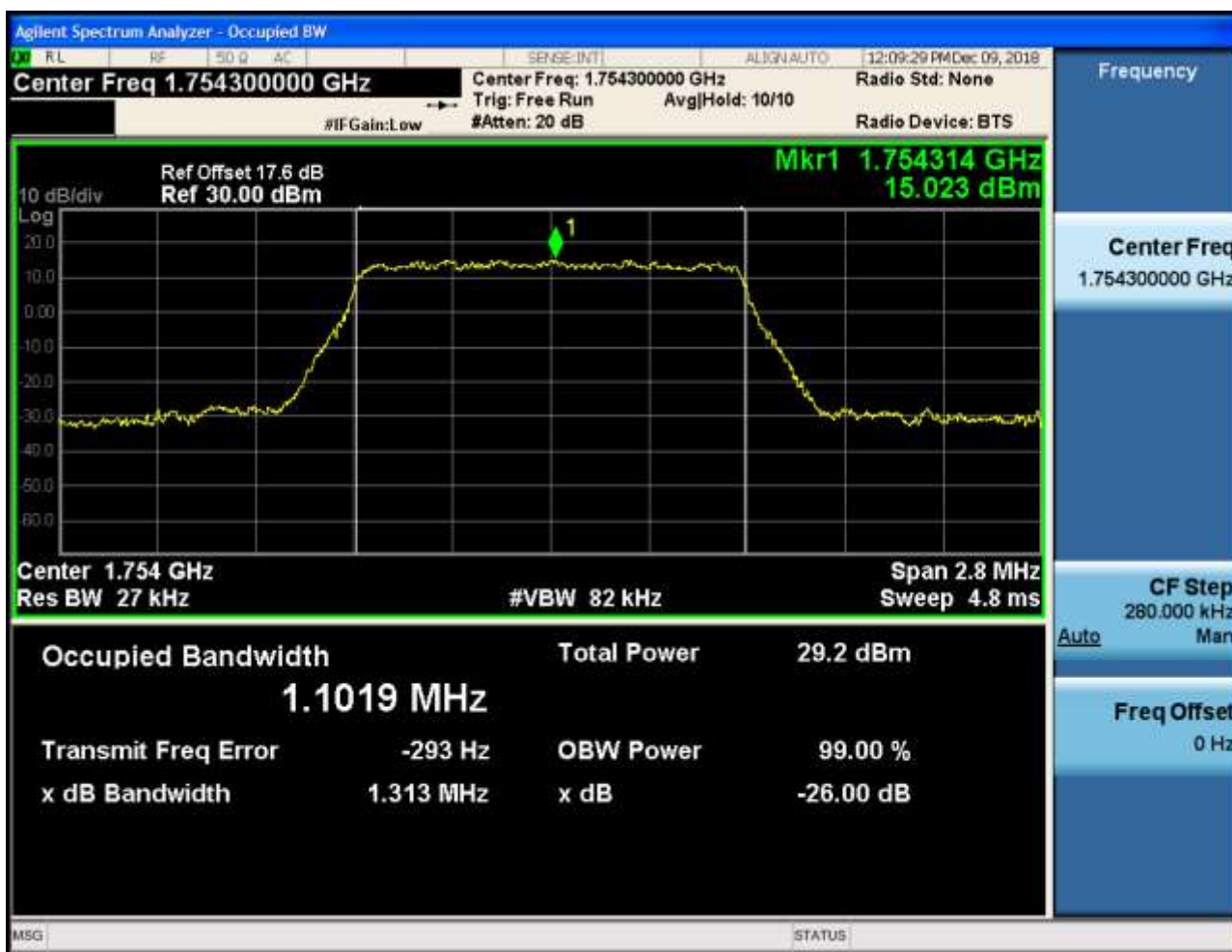
4.1.1.1.1.2 Test Channel = MCH

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

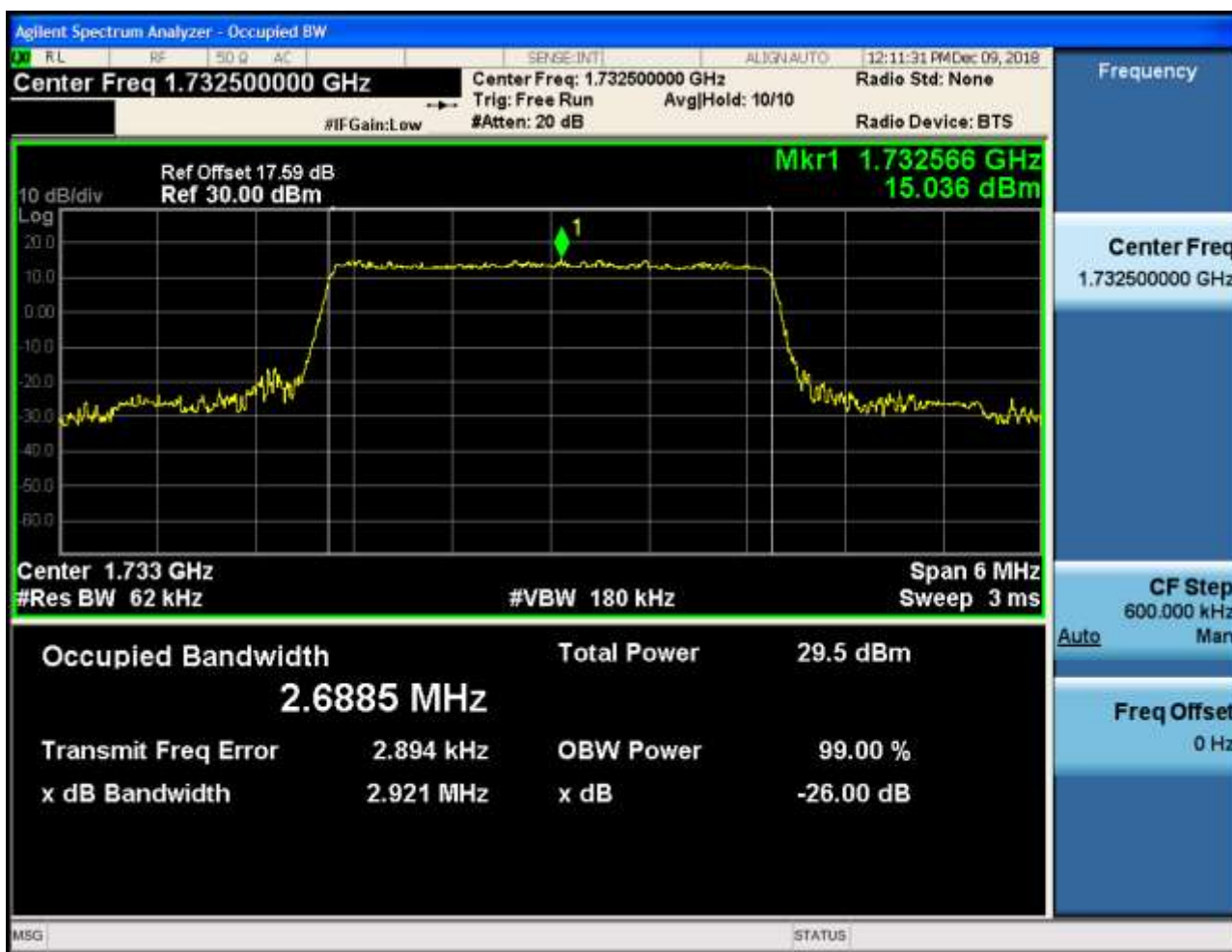
4.1.1.1.2.1 Test Channel = LCH

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



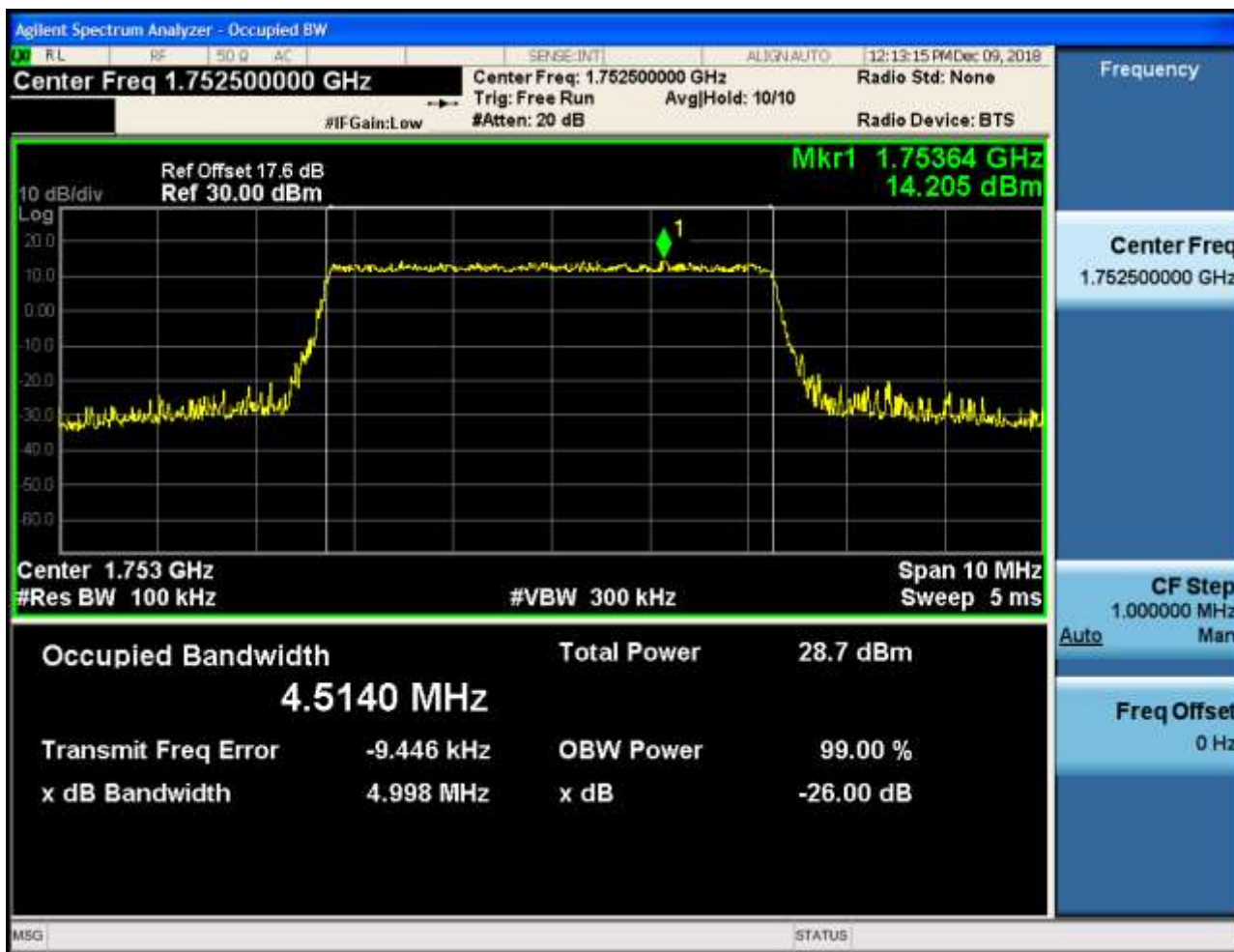
4.1.1.1.3.2 Test Channel = MCH

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

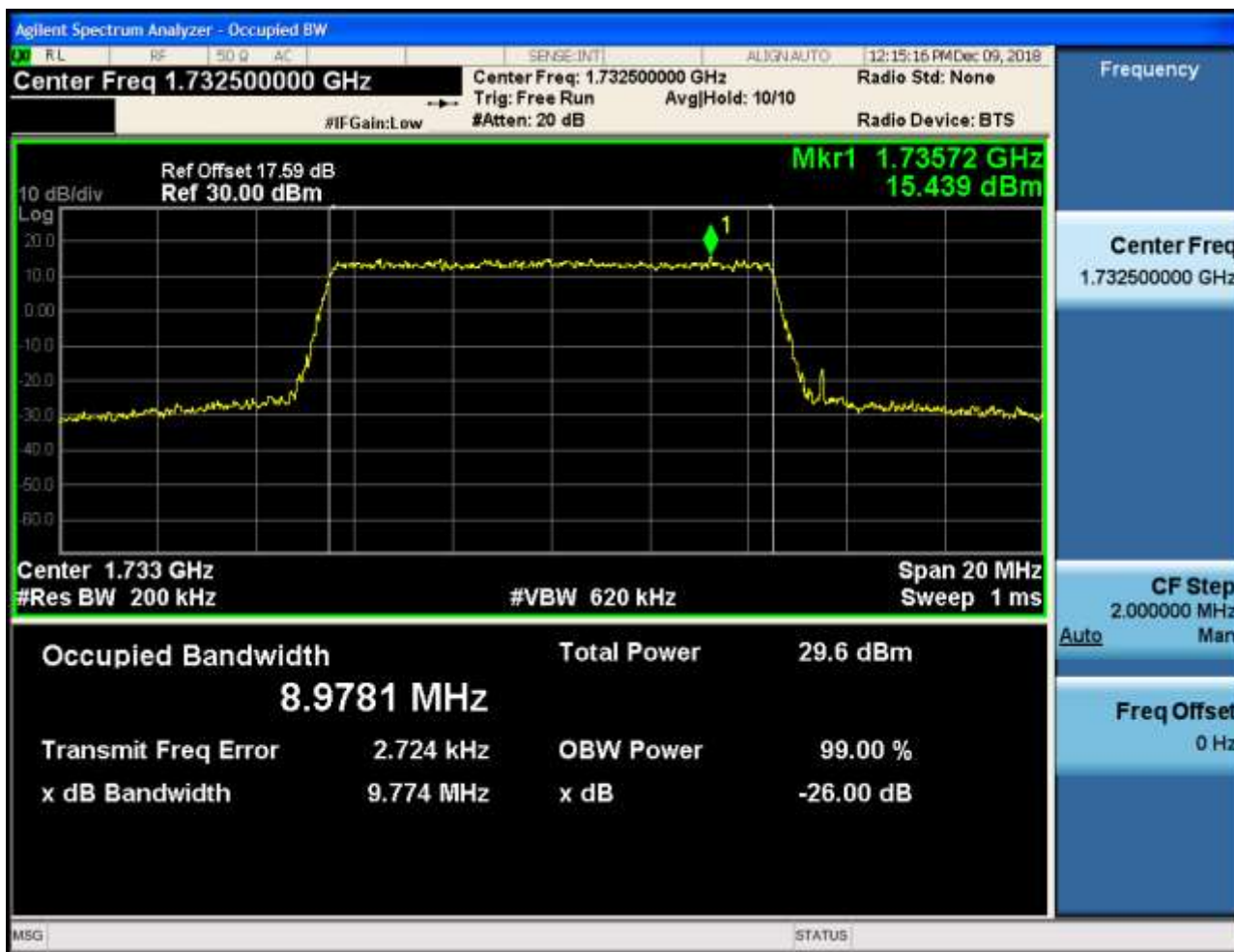
4.1.1.1.4.1 Test Channel = LCH

4.1.1.1.4.1.1 Test RB = RB50#0



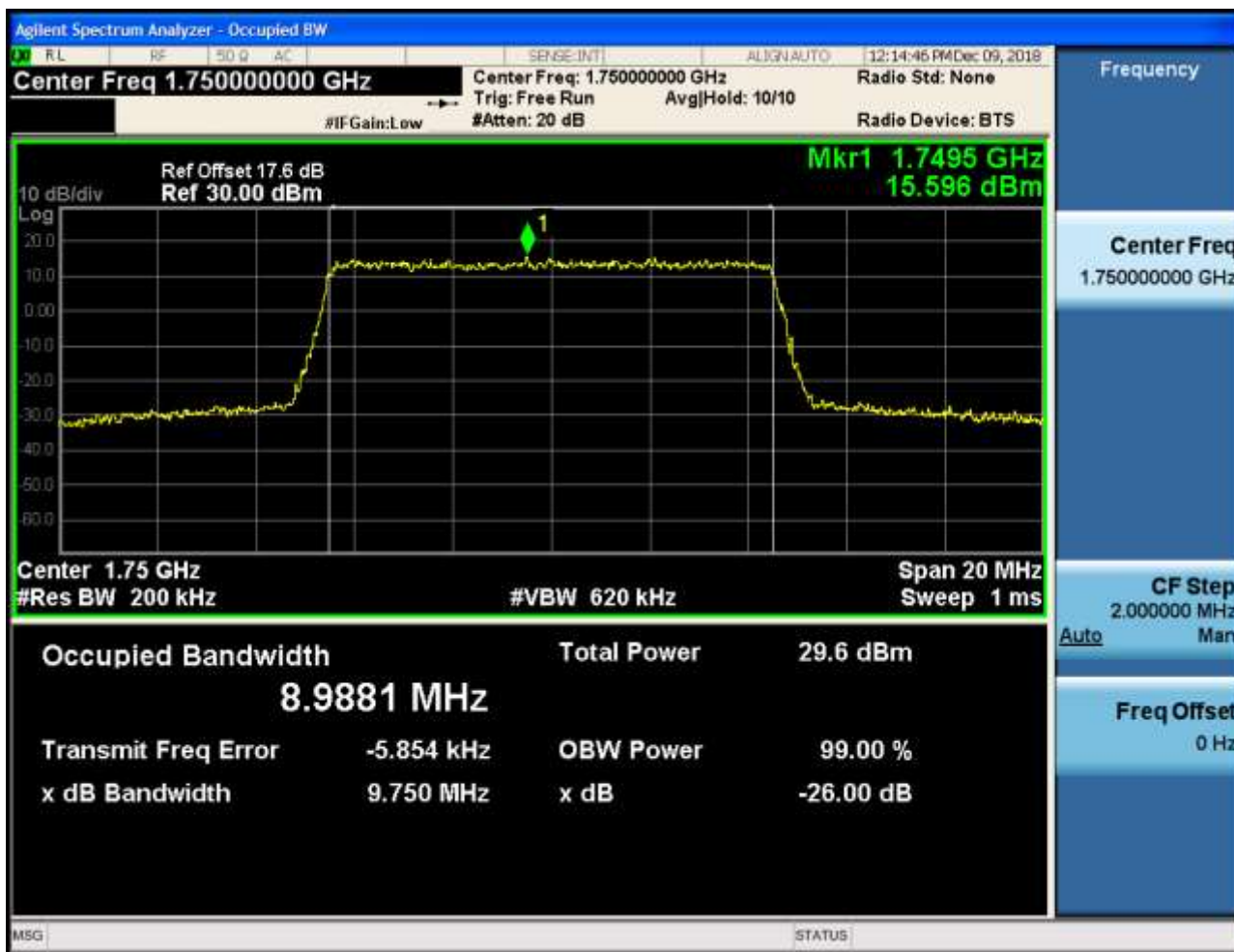
4.1.1.1.4.2 Test Channel = MCH

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



4.1.1.1.5 Test Bandwidth = 15

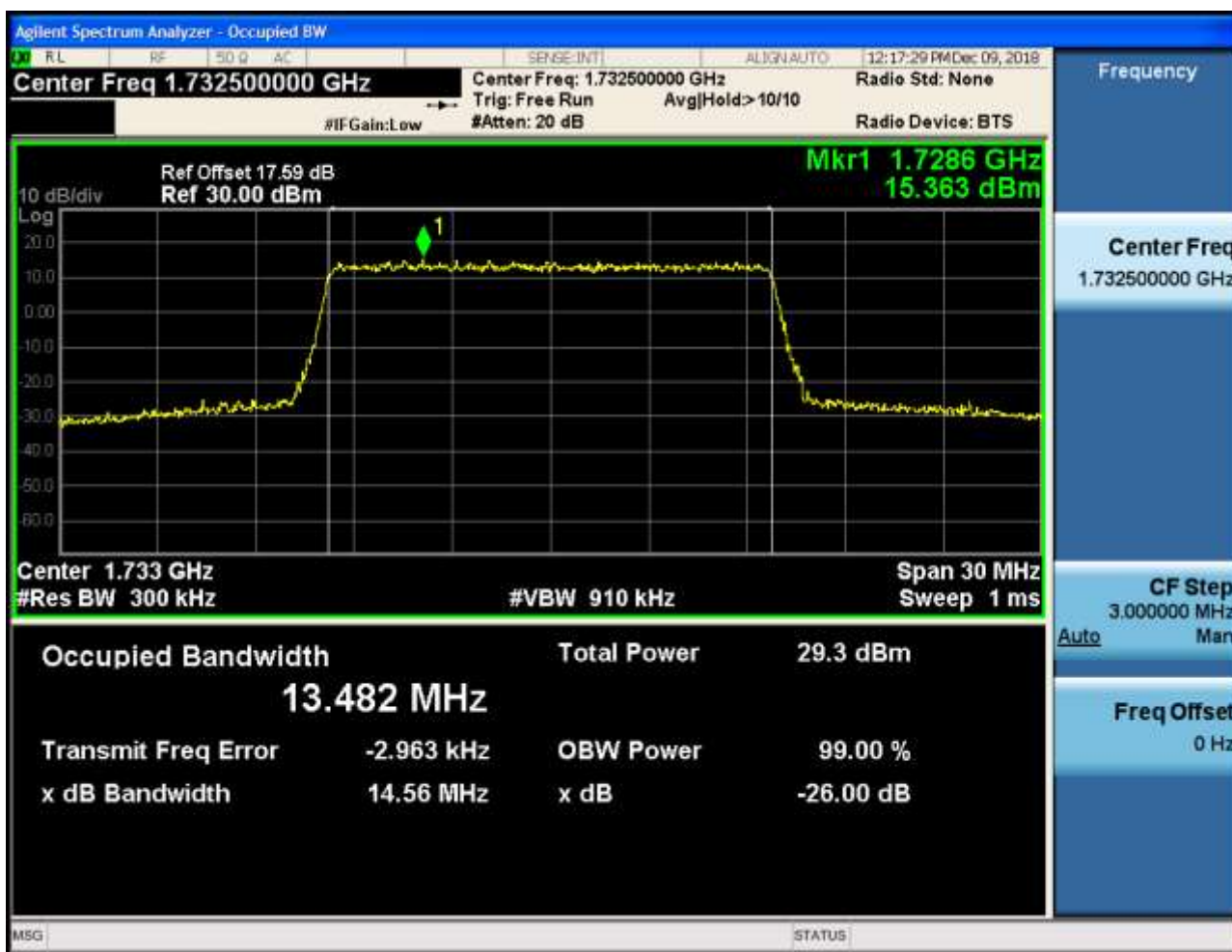
4.1.1.1.5.1 Test Channel = LCH

4.1.1.1.5.1.1 Test RB = RB75#0



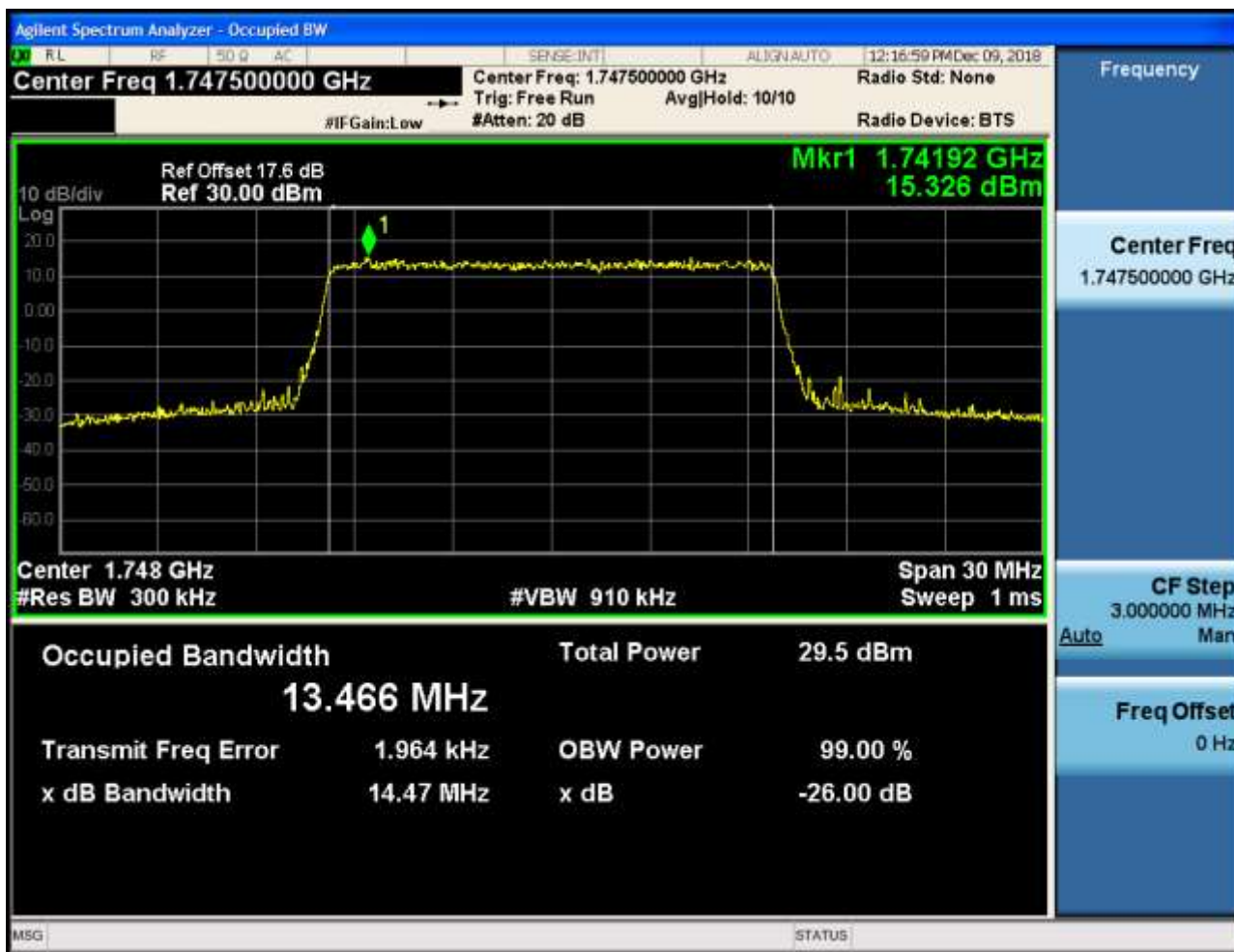
4.1.1.1.5.2 Test Channel = MCH

4.1.1.1.5.2.1 Test RB = RB75#0



4.1.1.1.5.3 Test Channel = HCH

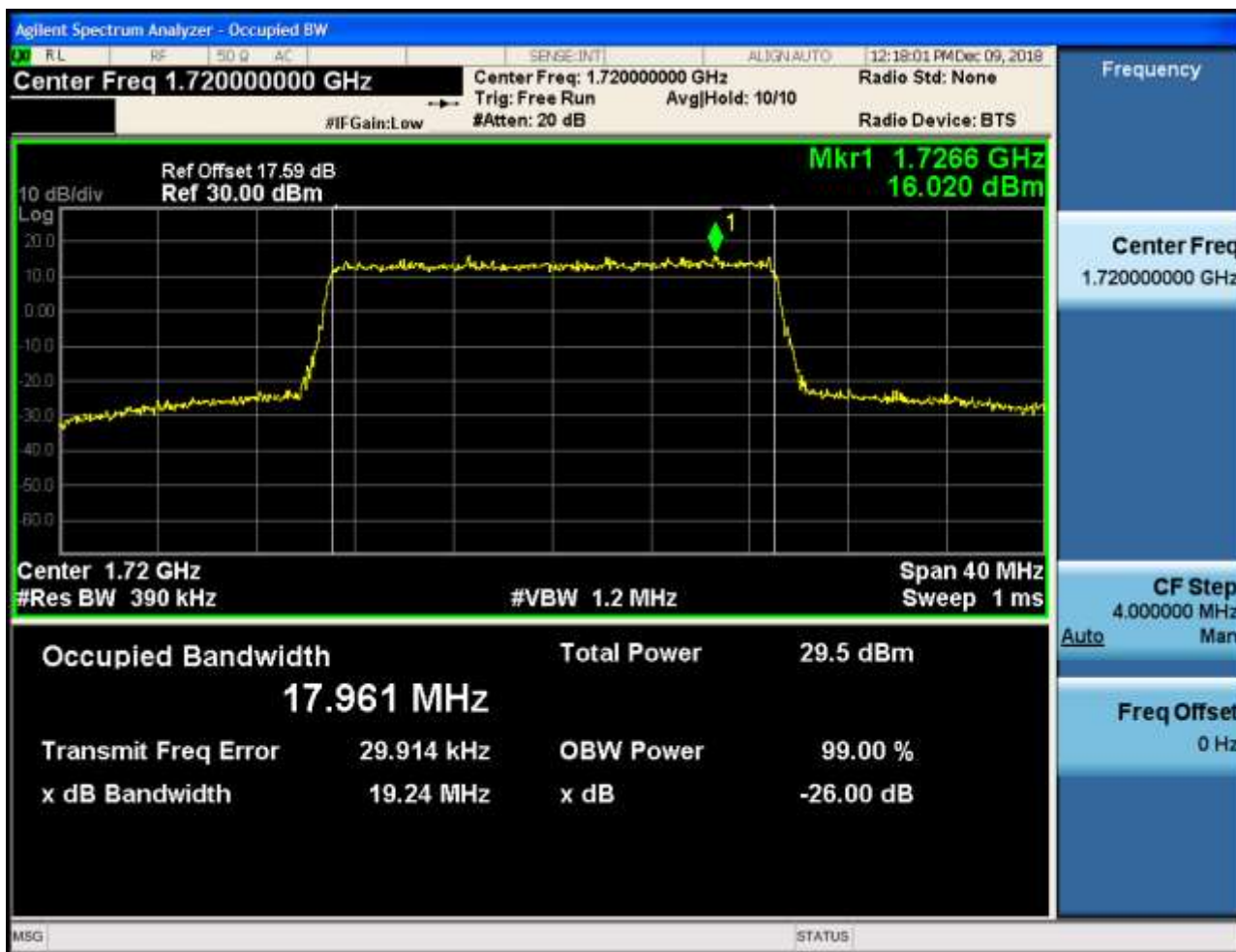
4.1.1.1.5.3.1 Test RB = RB75#0



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



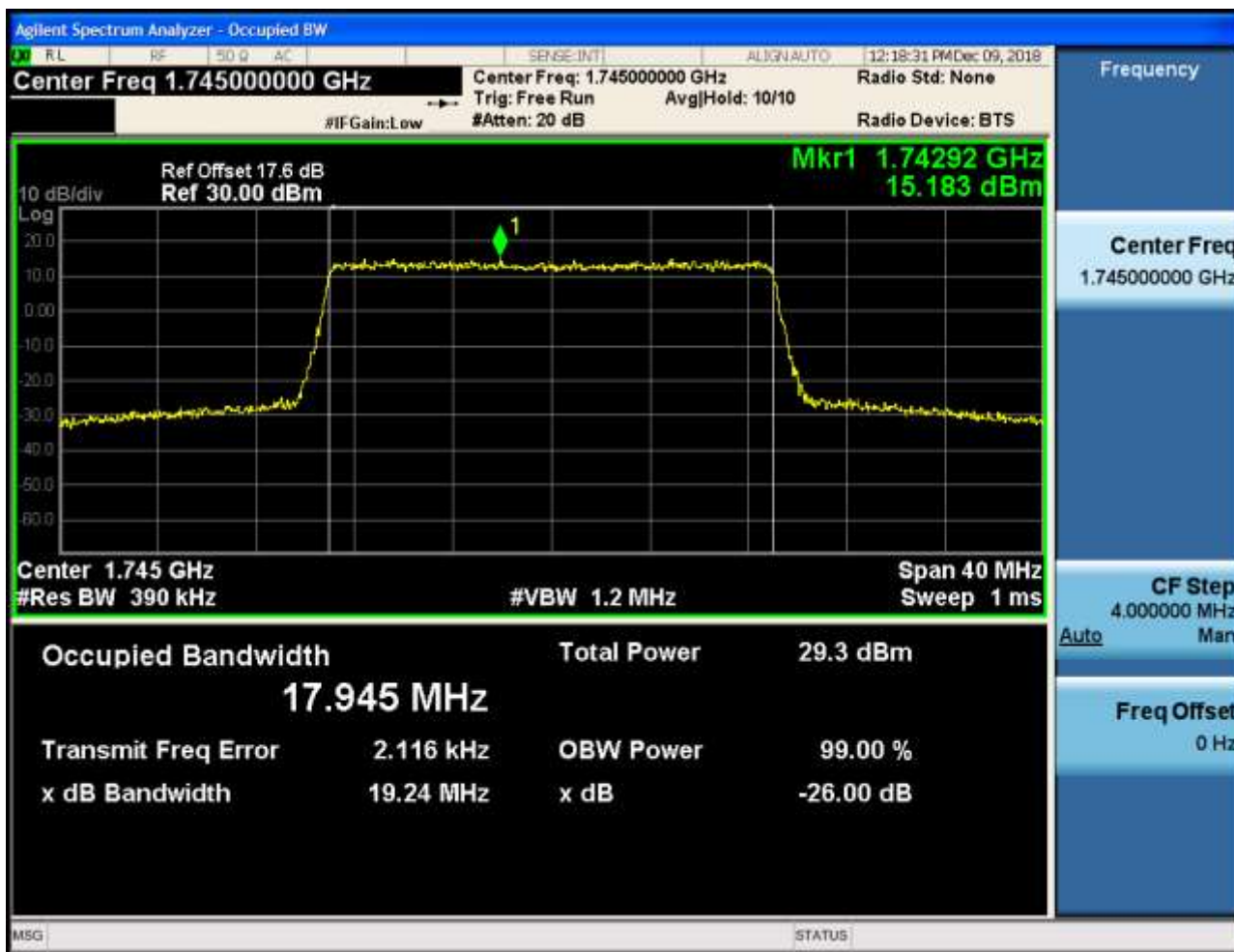
4.1.1.1.6.2 Test Channel = MCH

4.1.1.1.6.2.1 Test RB = RB100#0



4.1.1.1.6.3 Test Channel = HCH

4.1.1.1.6.3.1 Test RB = RB100#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

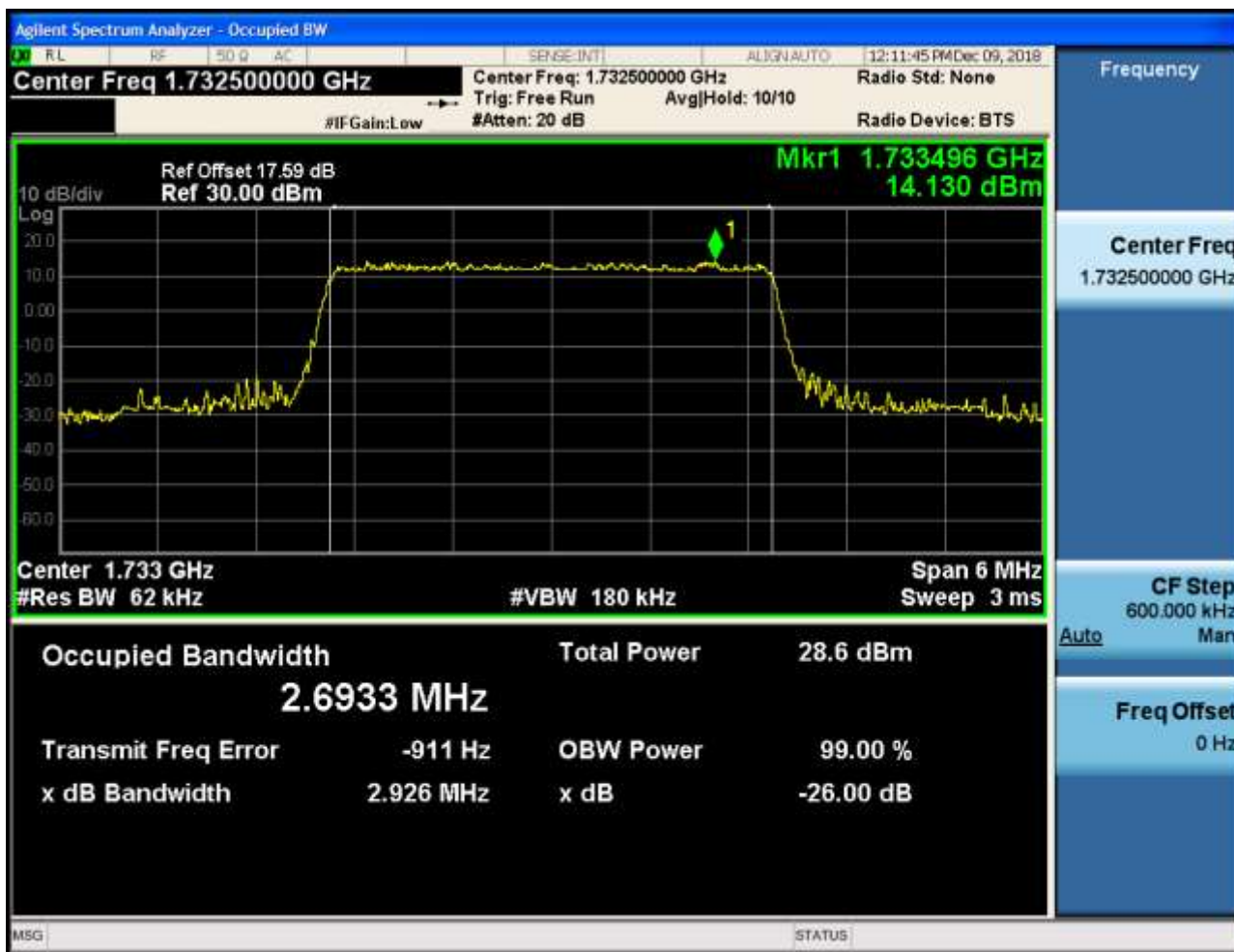
4.1.1.2.2.1 Test Channel = LCH

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

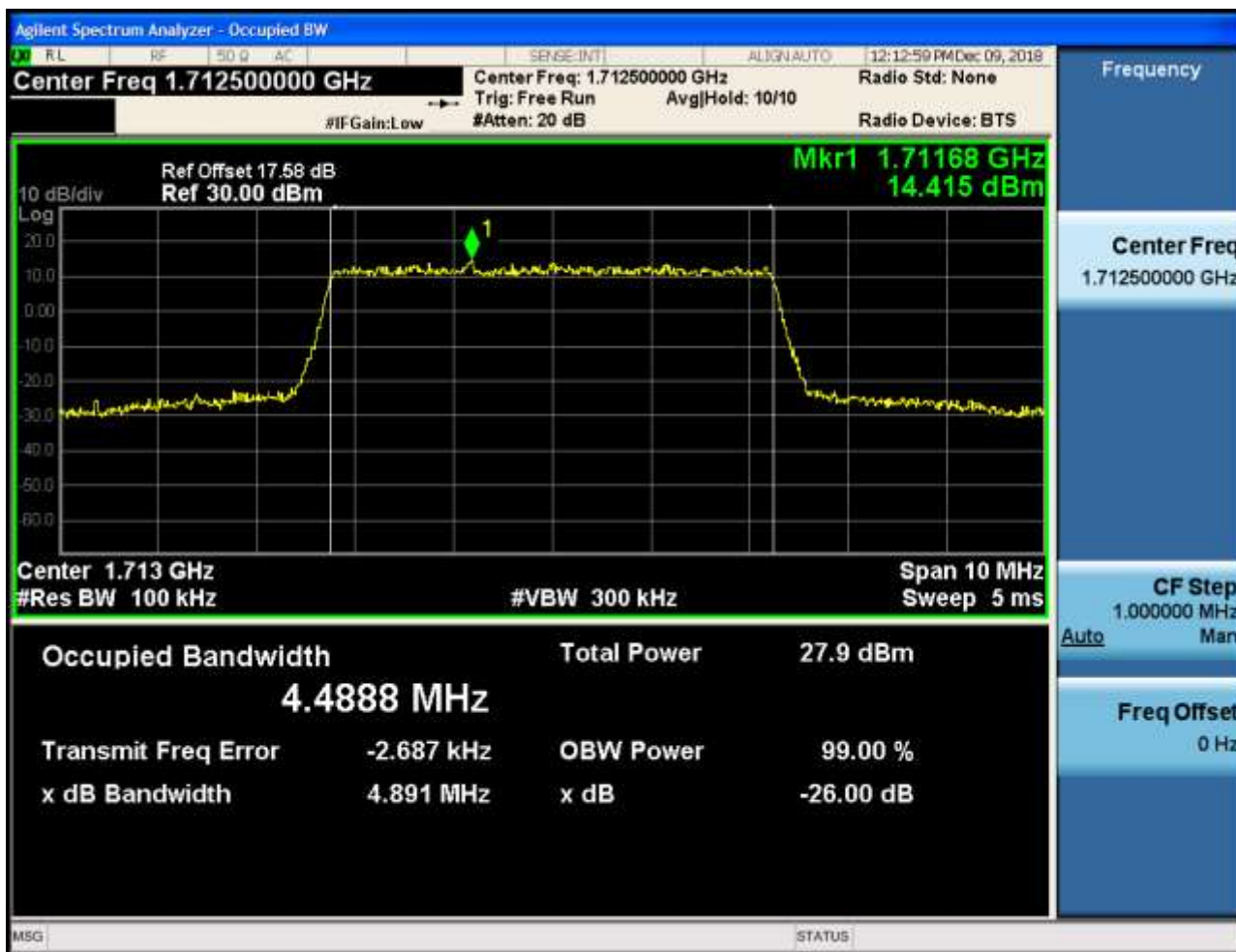
4.1.1.2.2.3.1 Test RB = RB15#0



4.1.1.2.3 Test Bandwidth = 5

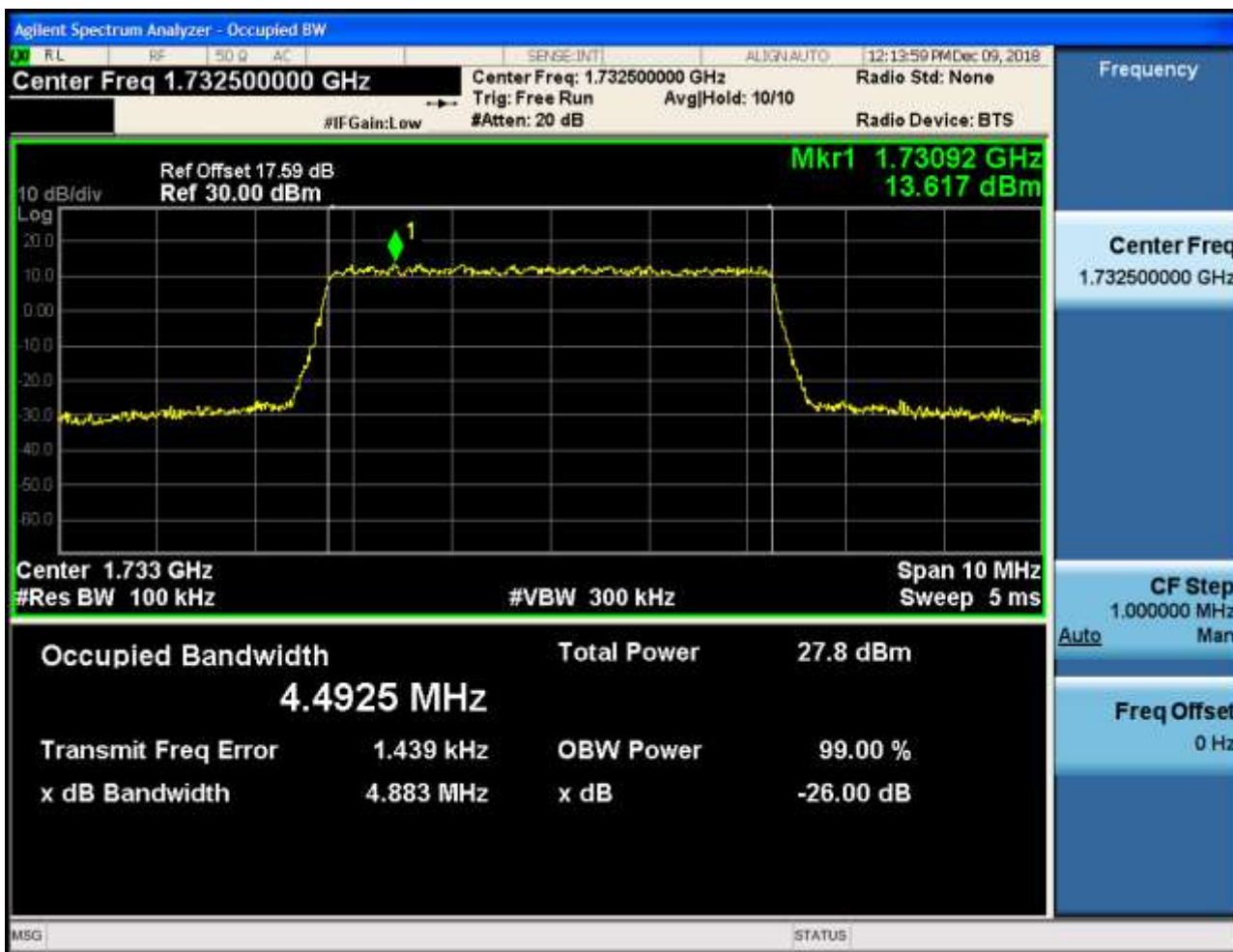
4.1.1.2.3.1 Test Channel = LCH

4.1.1.2.3.1.1 Test RB = RB25#0



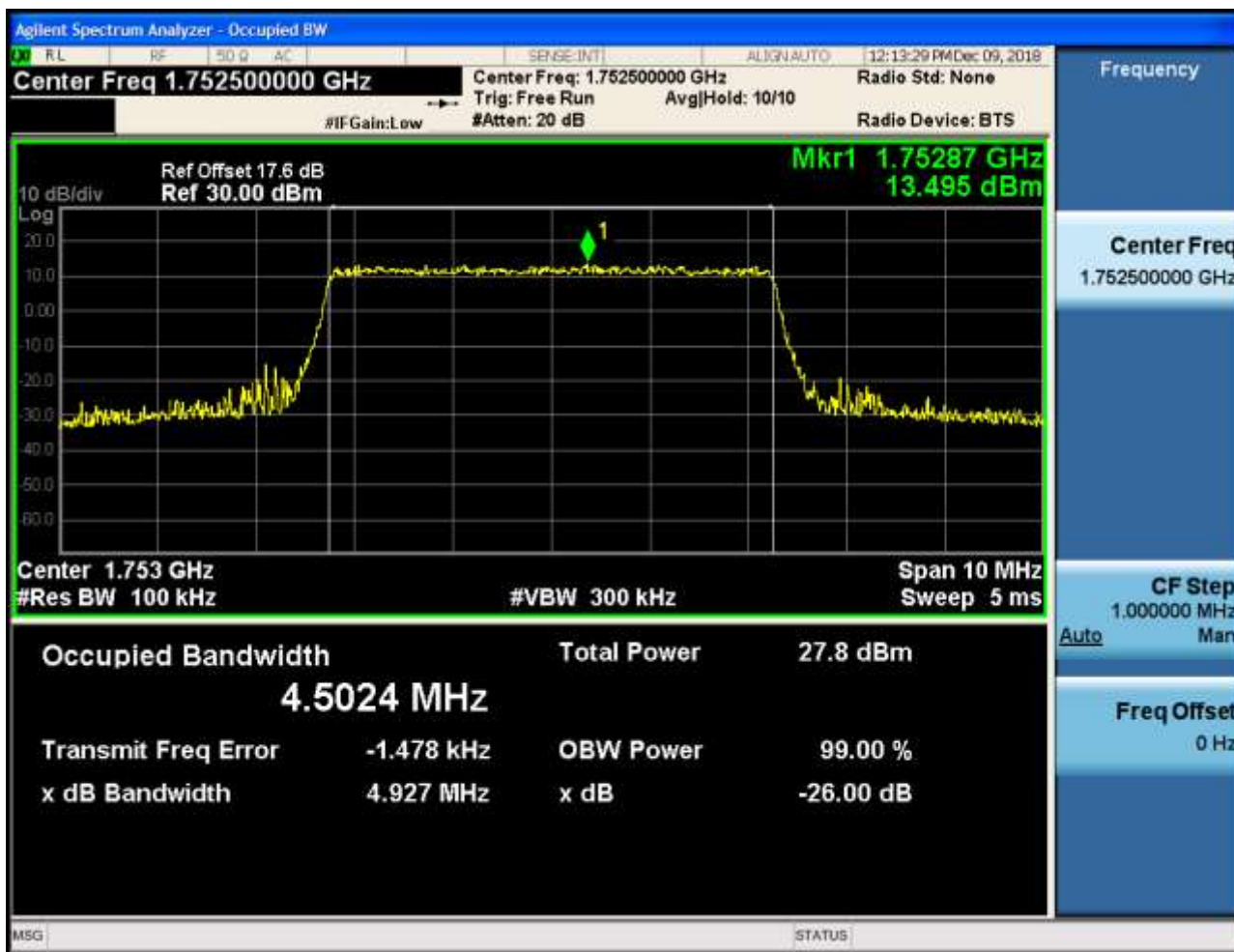
4.1.1.2.3.2 Test Channel = MCH

4.1.1.2.3.2.1 Test RB = RB25#0



4.1.1.2.3.3 Test Channel = HCH

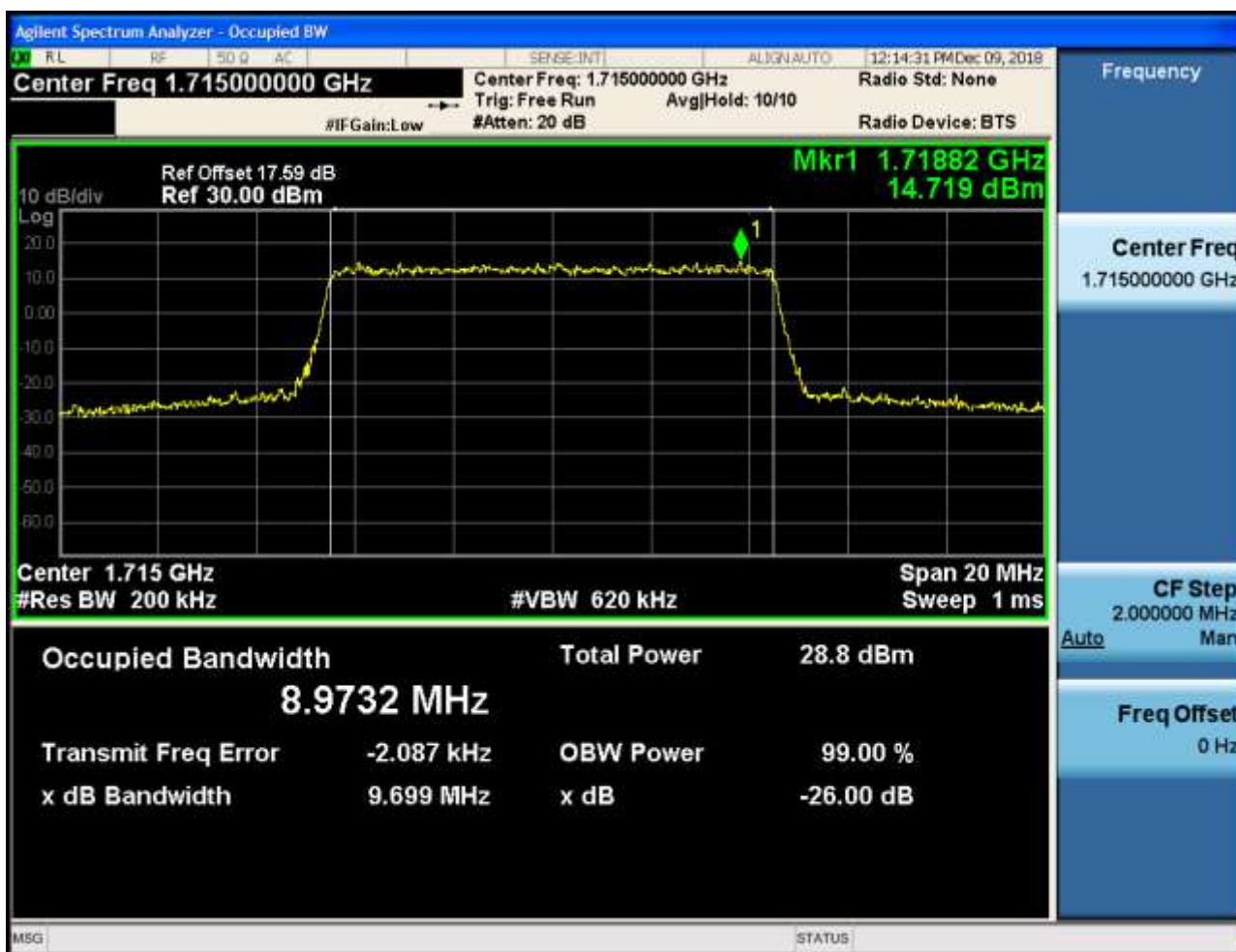
4.1.1.2.3.3.1 Test RB = RB25#0



4.1.1.2.4 Test Bandwidth = 10

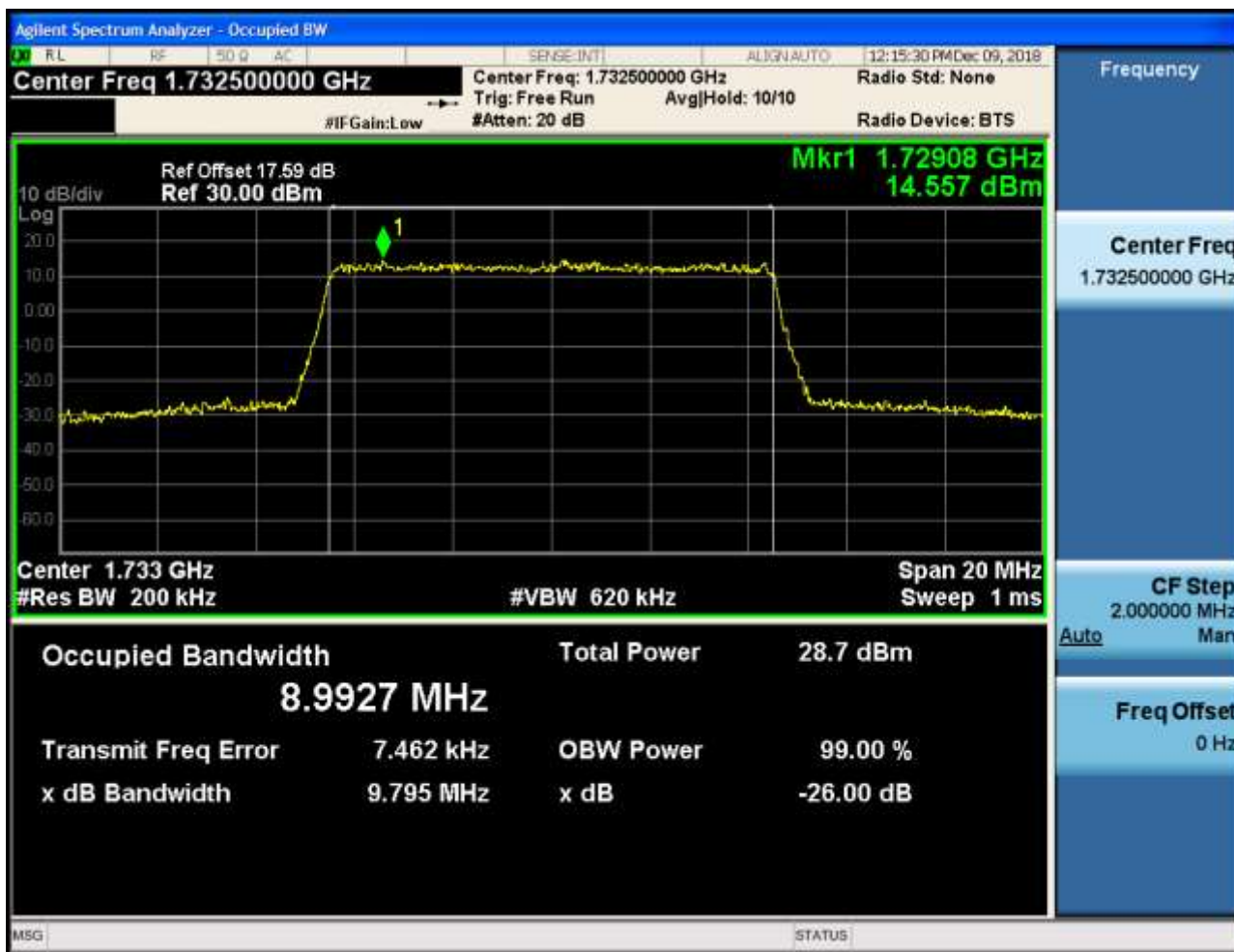
4.1.1.2.4.1 Test Channel = LCH

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

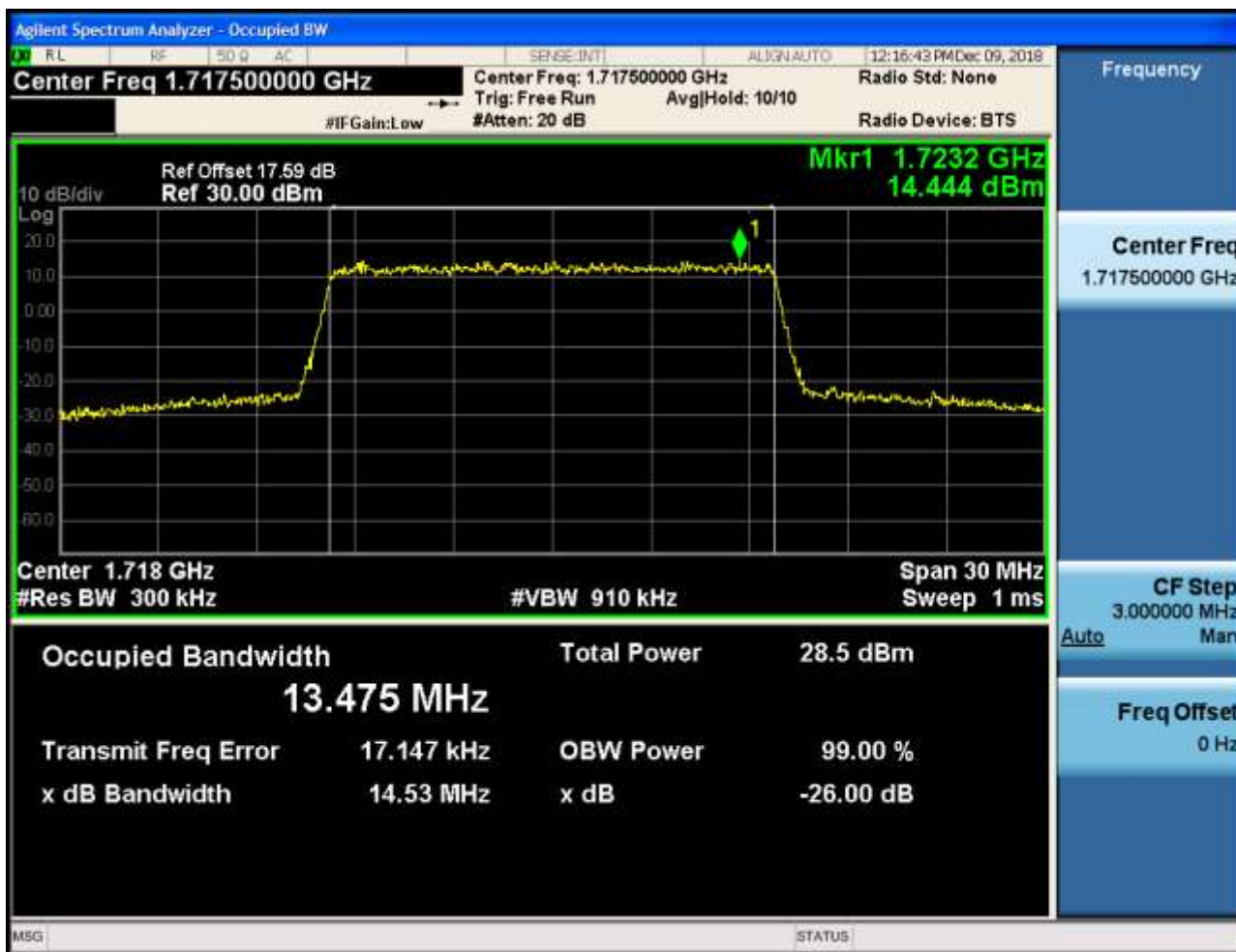
4.1.1.2.4.3.1 Test RB = RB50#0



4.1.1.2.5 Test Bandwidth = 15

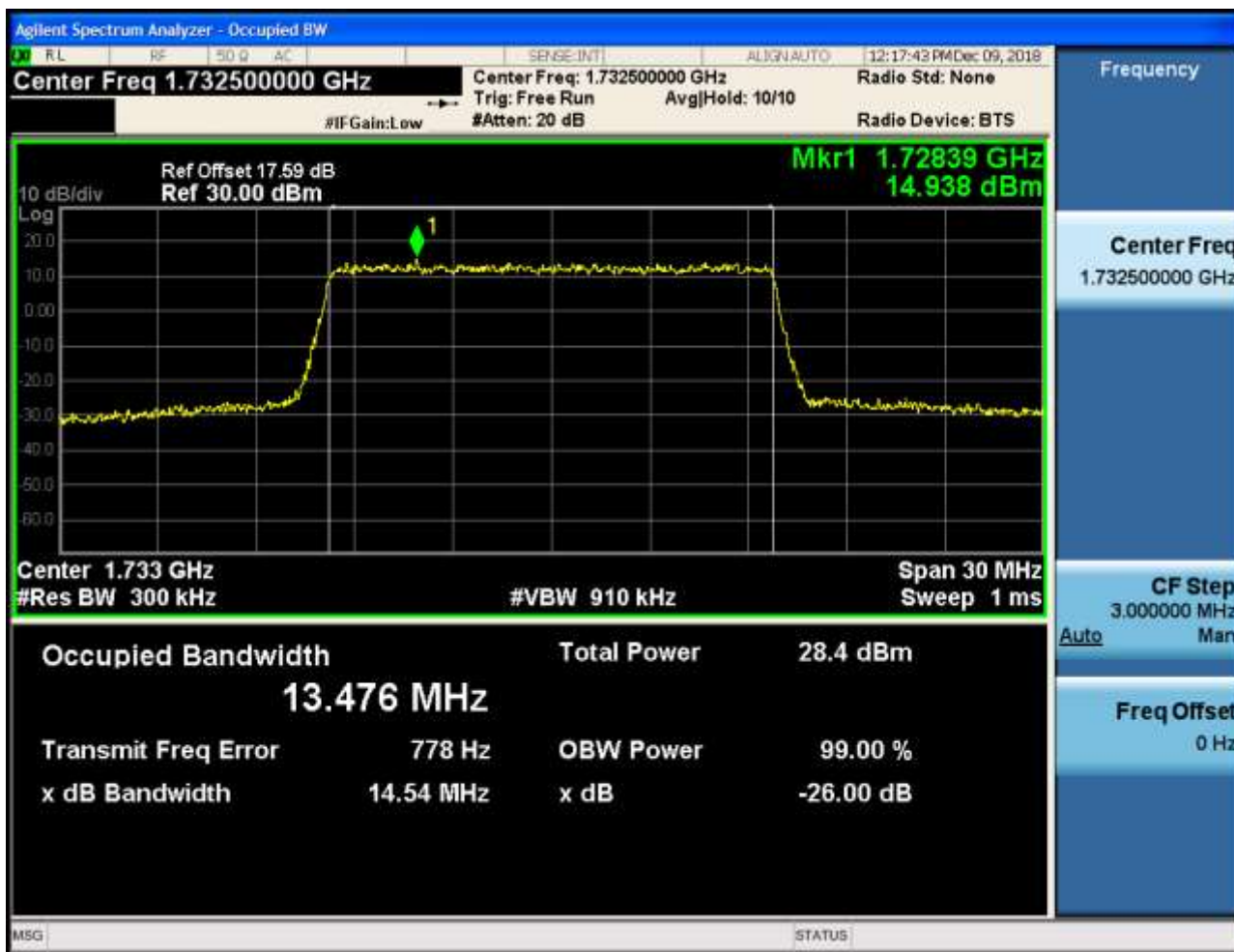
4.1.1.2.5.1 Test Channel = LCH

4.1.1.2.5.1.1 Test RB = RB75#0



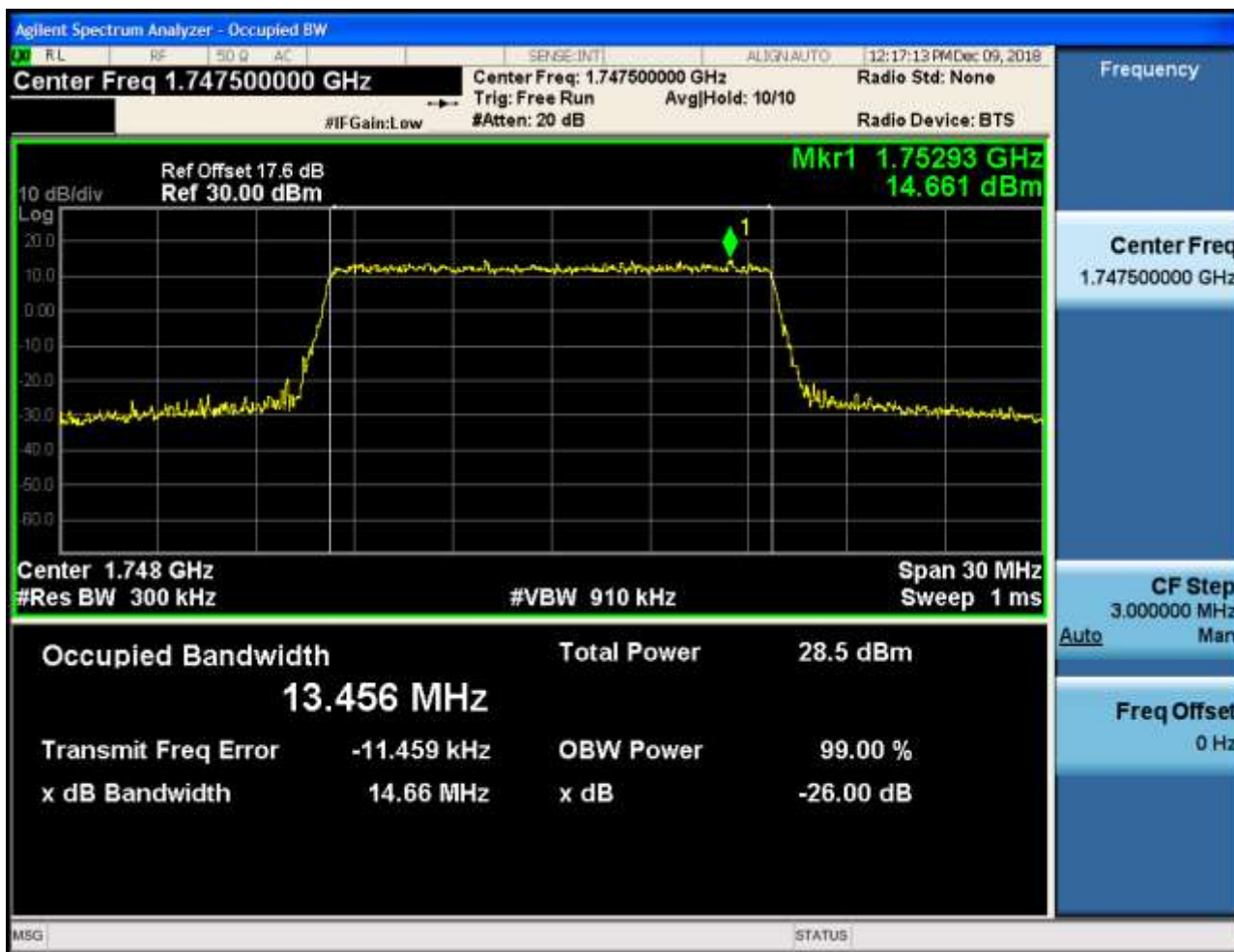
4.1.1.2.5.2 Test Channel = MCH

4.1.1.2.5.2.1 Test RB = RB75#0



4.1.1.2.5.3 Test Channel = HCH

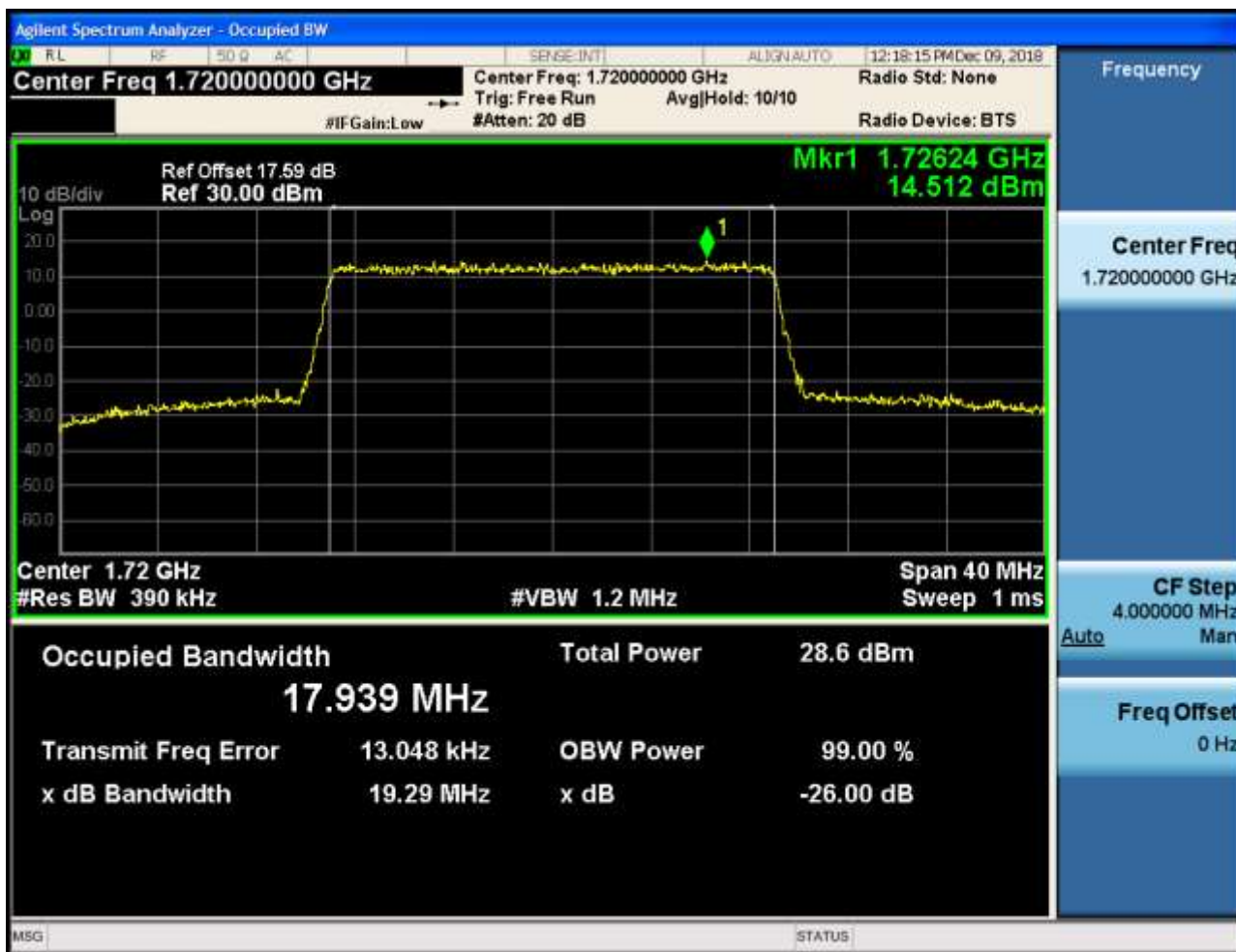
4.1.1.2.5.3.1 Test RB = RB75#0



4.1.1.2.6 Test Bandwidth = 20

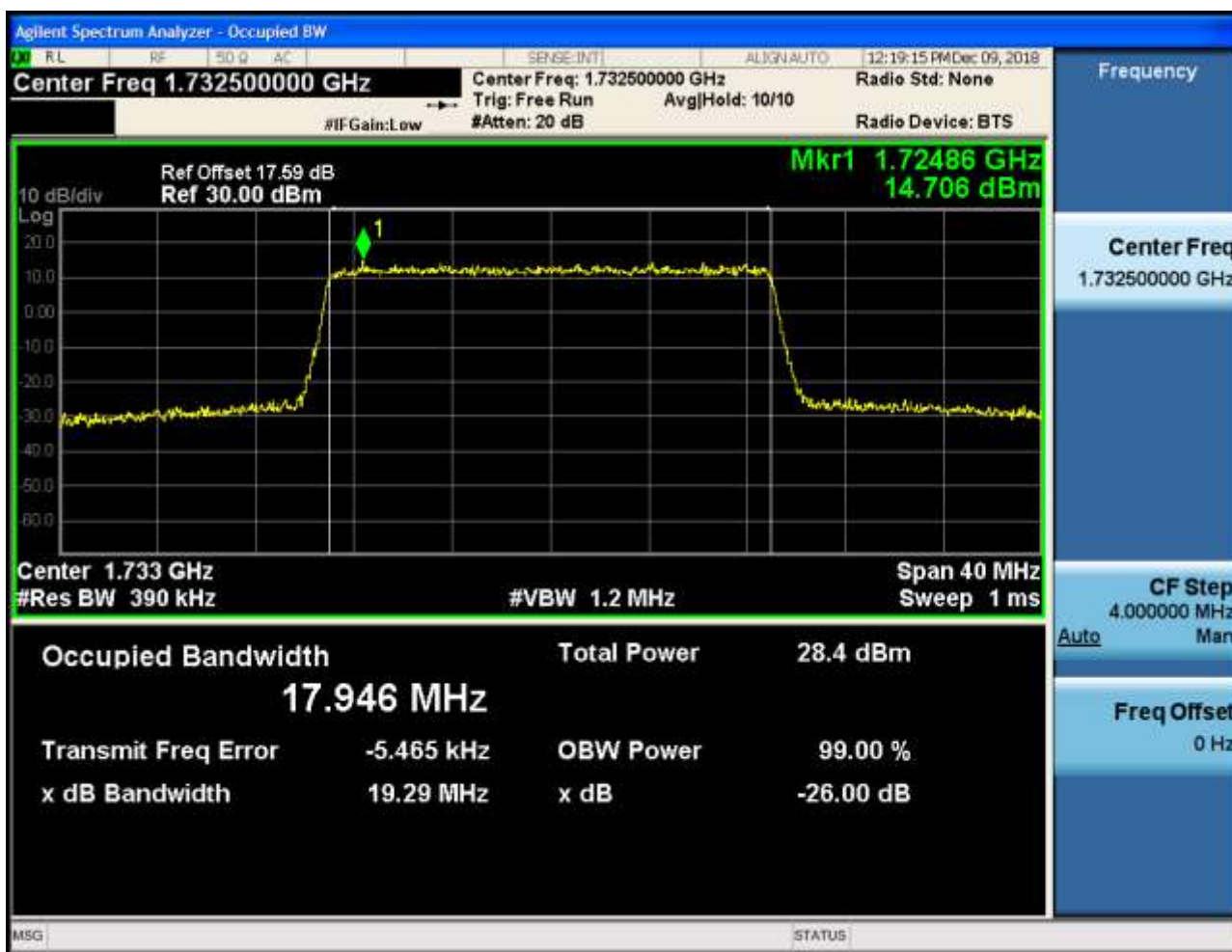
4.1.1.2.6.1 Test Channel = LCH

4.1.1.2.6.1.1 Test RB = RB100#0



4.1.1.2.6.2 Test Channel = MCH

4.1.1.2.6.2.1 Test RB = RB100#0



4.1.1.2.6.3 Test Channel = HCH

4.1.1.2.6.3.1 Test RB = RB100#0



5Appendix_E: Band Edges Compliance

Part I - Test Plots

5.1 For LTE

5.1.1 Test Band = Band4

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



5.1.1.1.1.2 Test RB = RB1#5



5.1.1.1.1.3 Test RB = RB3#2



5.1.1.1.1.4 Test RB = RB6#0

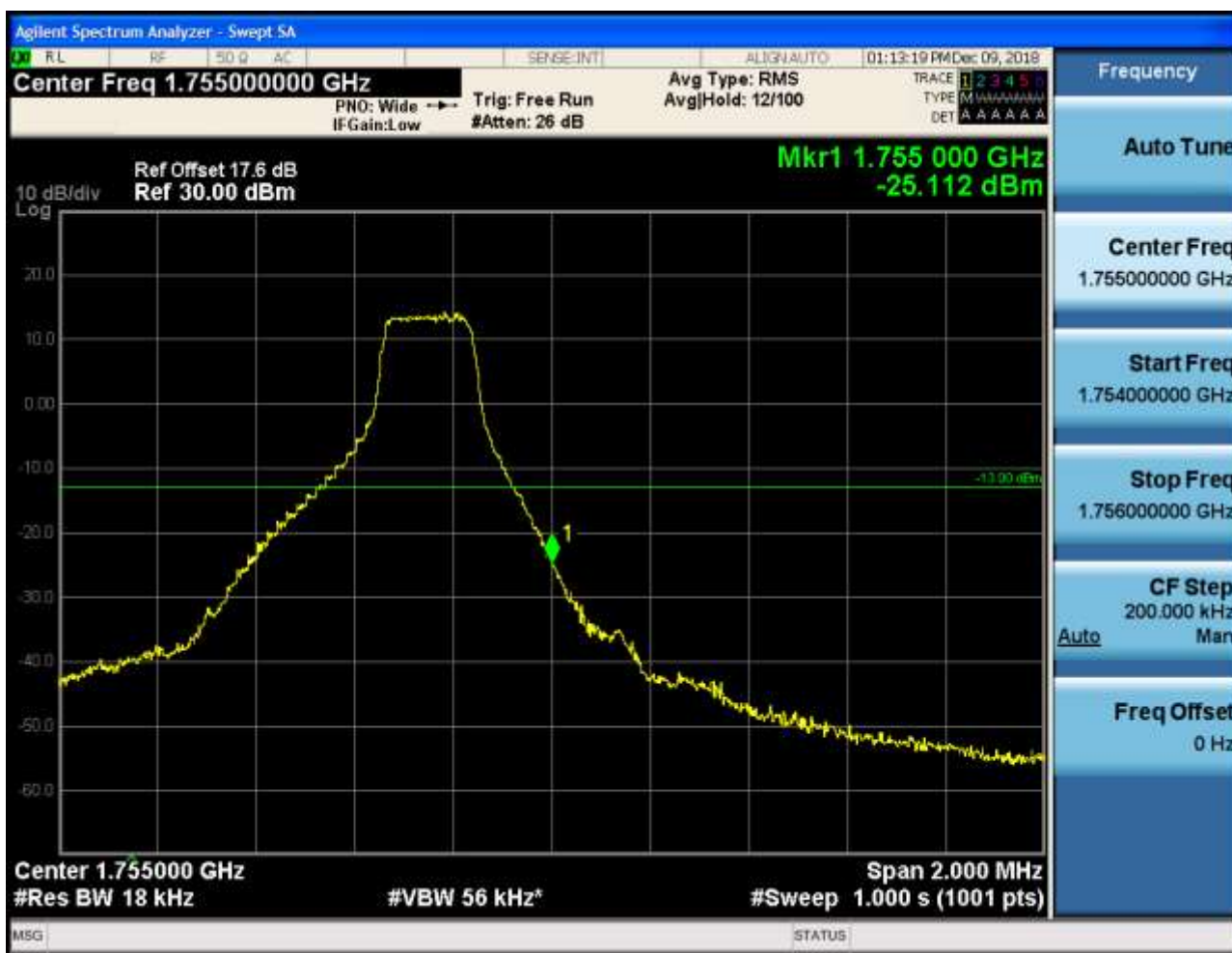


5.1.1.1.1.2 Test Channel = HCH

5.1.1.1.1.2.1 Test RB = RB1#0



5.1.1.1.1.2.2 Test RB = RB1#5



5.1.1.1.1.2.3 Test RB = RB3#2



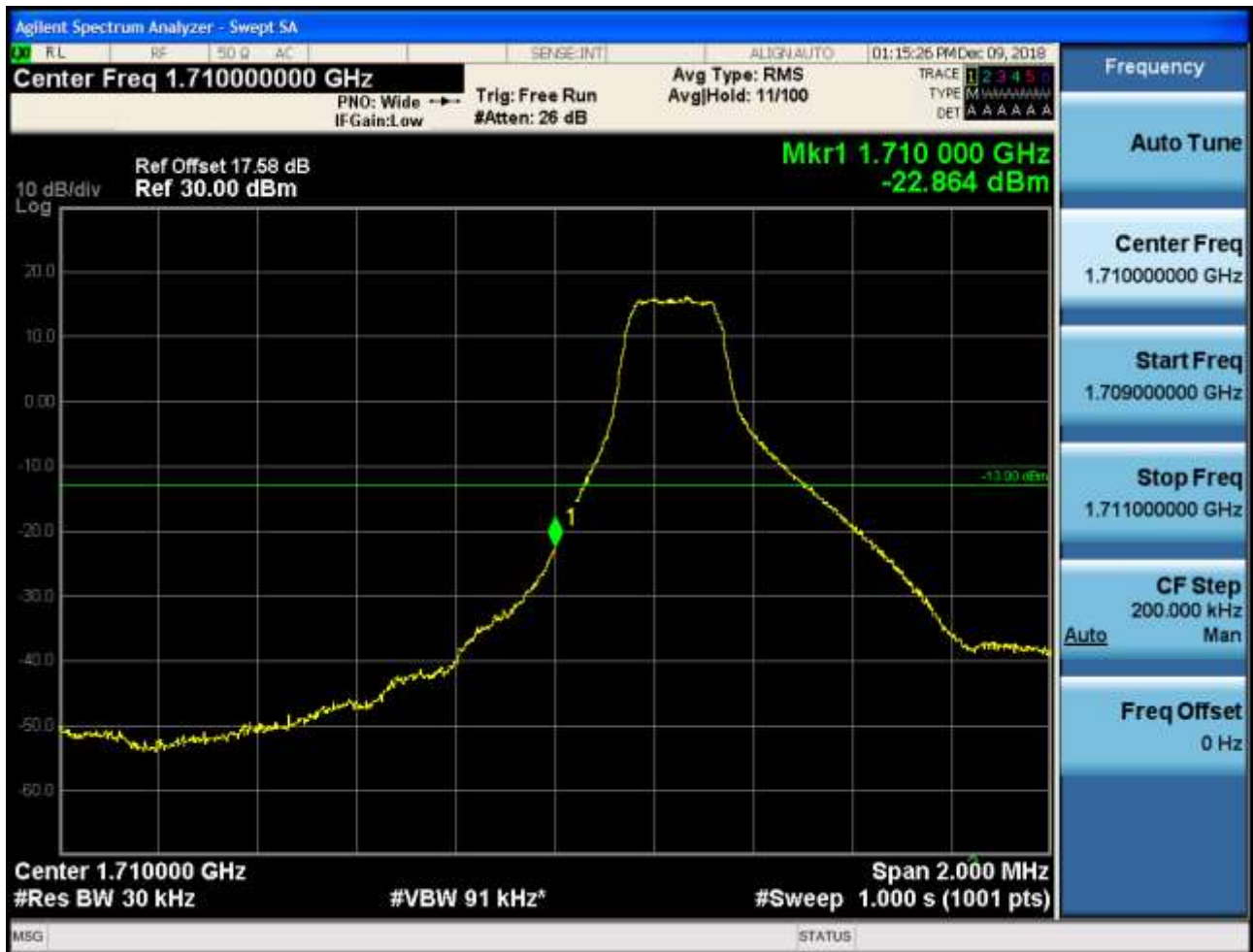
5.1.1.1.1.2.4 Test RB = RB6#0



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



5.1.1.1.2.1.2 Test RB = RB1#14



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



5.1.1.1.2.2.3 Test RB = RB8#4



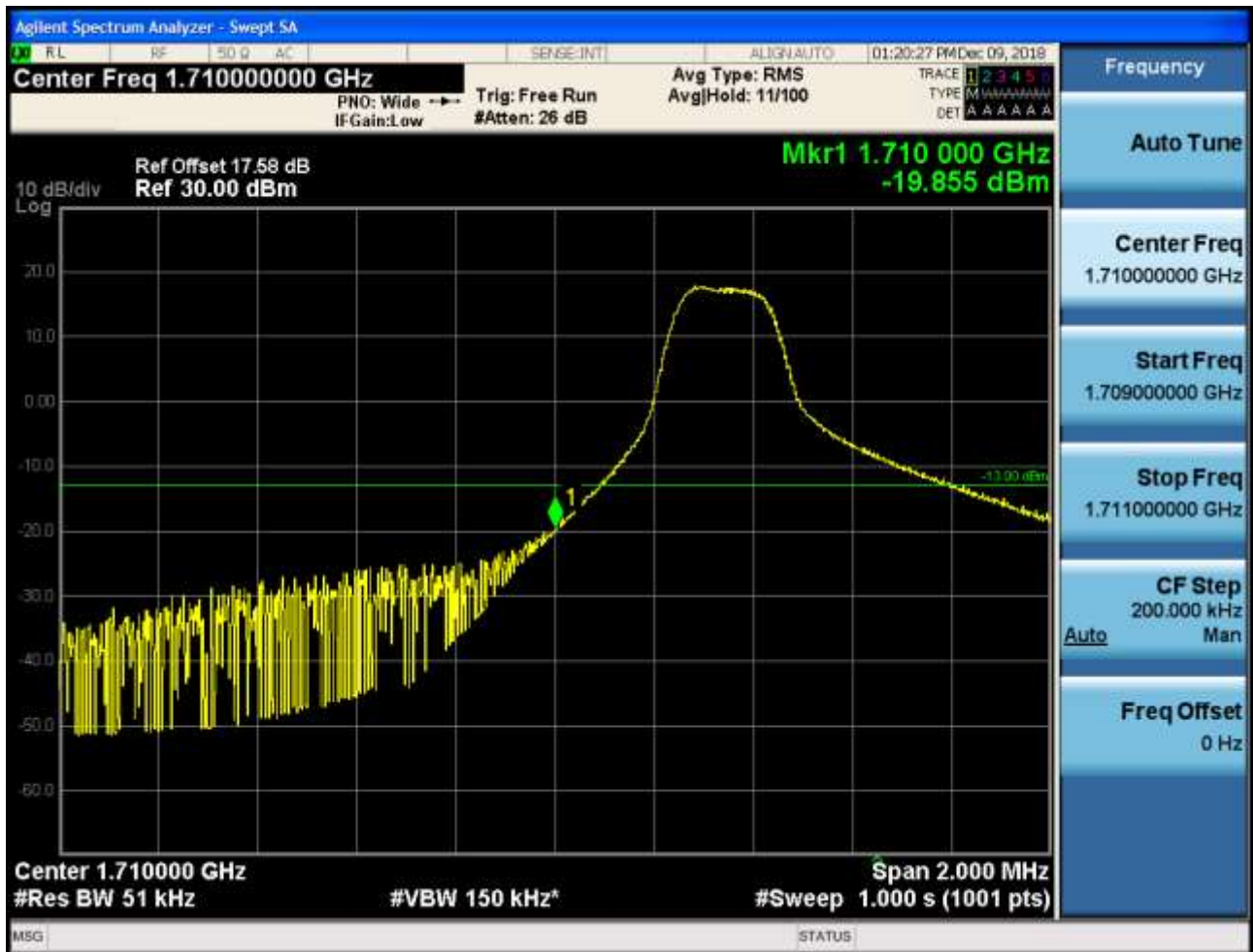
5.1.1.1.2.2.4 Test RB = RB15#0



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



5.1.1.1.3.1.3 Test RB = RB12#6

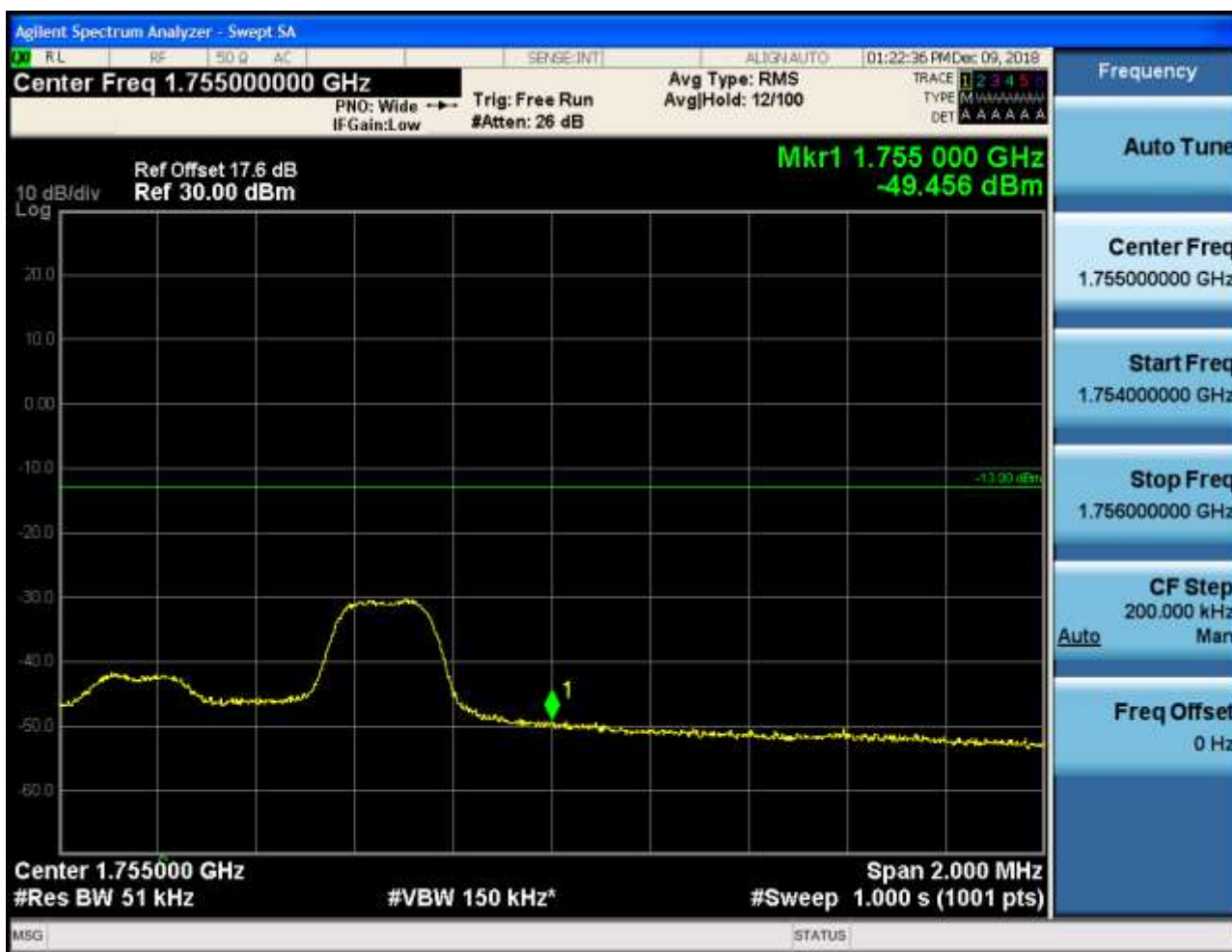


5.1.1.1.3.1.4 Test RB = RB25#0



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#24



5.1.1.1.3.2.3 Test RB = RB12#6



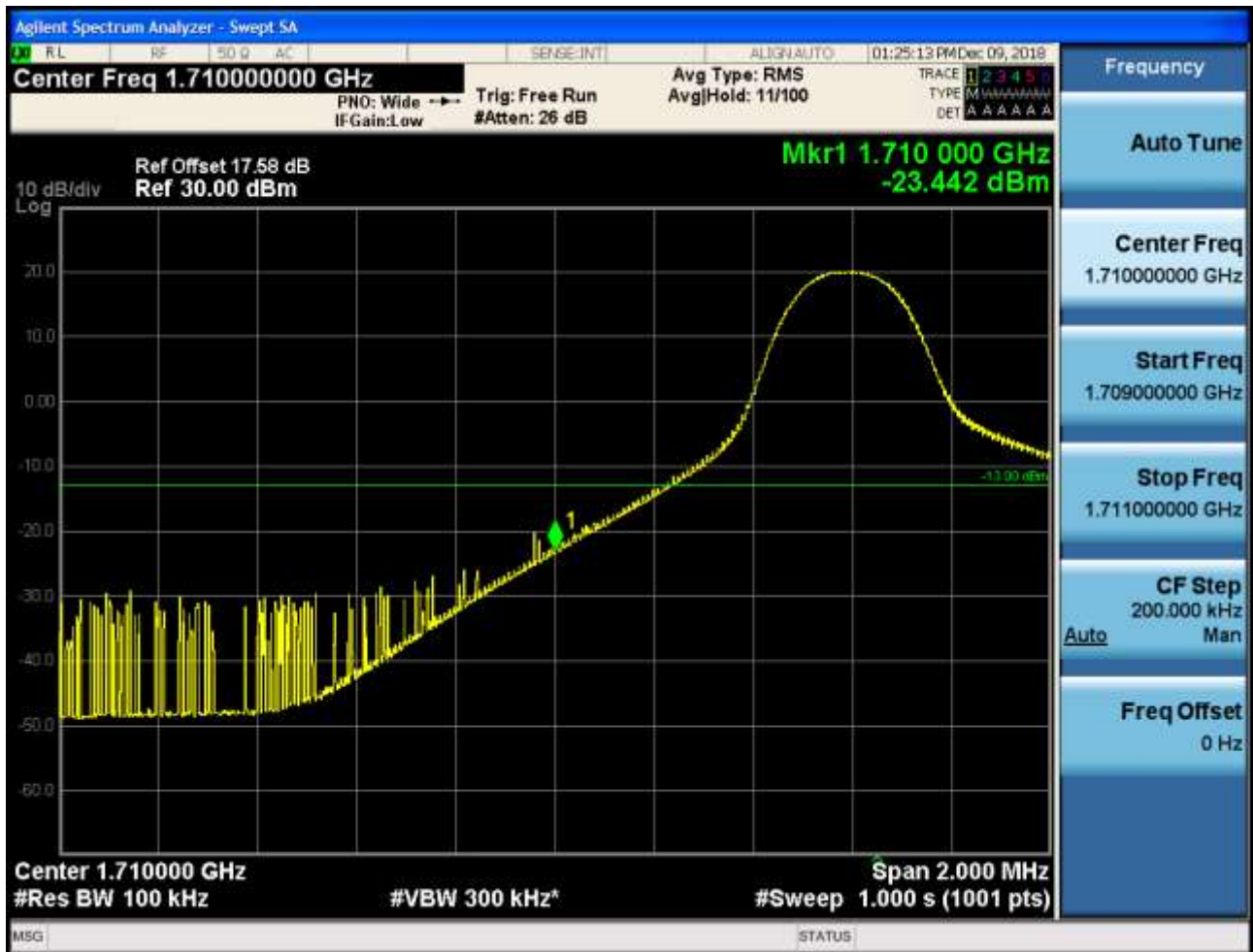
5.1.1.1.3.2.4 Test RB = RB25#0



5.1.1.1.4 Test Bandwidth = 10

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#49



5.1.1.1.4.1.3 Test RB = RB25#13

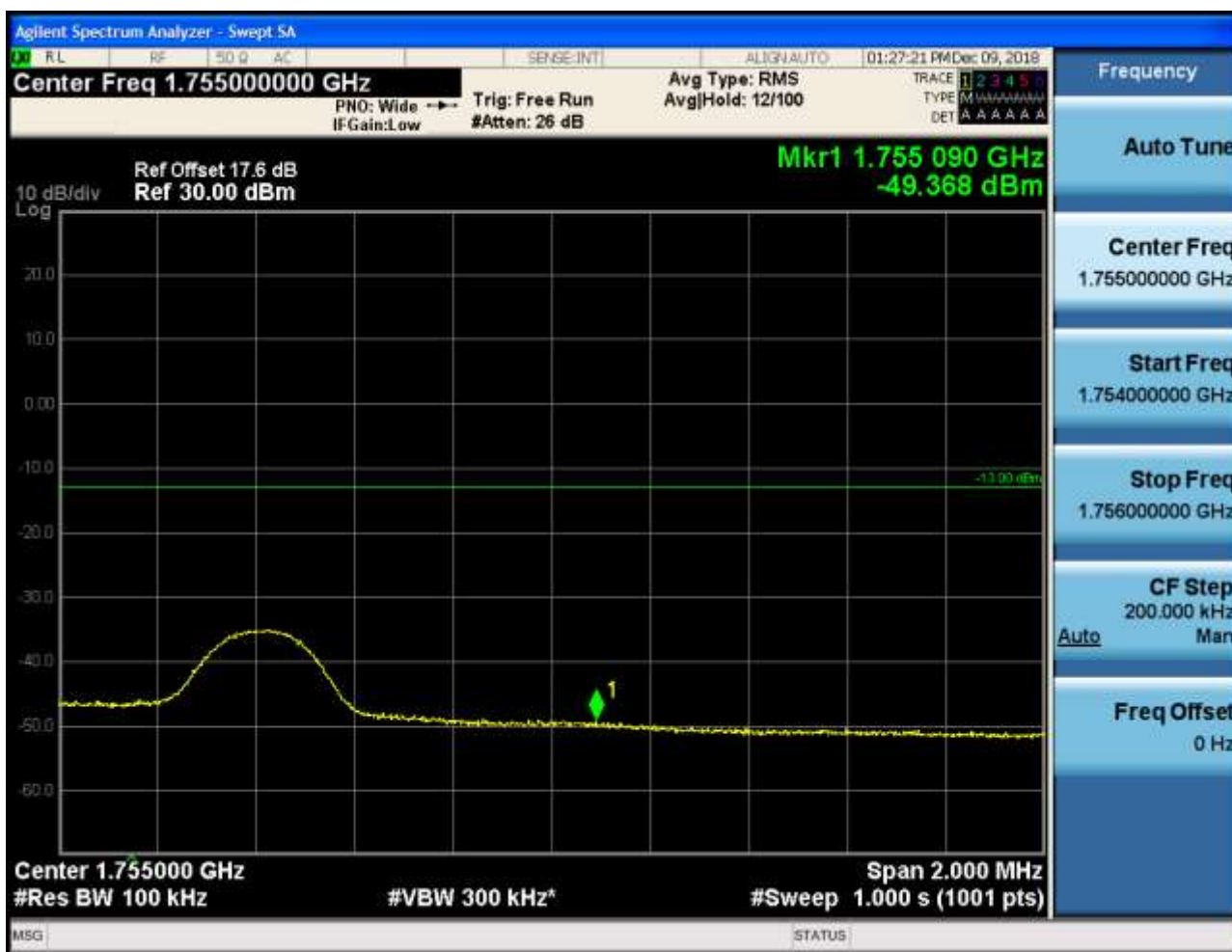


5.1.1.1.4.1.4 Test RB = RB50#0



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#49



5.1.1.1.4.2.3 Test RB = RB25#13



5.1.1.1.4.2.4 Test RB = RB50#0



5.1.1.1.5 Test Bandwidth = 15

5.1.1.1.5.1 Test Channel = LCH

5.1.1.1.5.1.1 Test RB = RB1#0



5.1.1.1.5.1.2 Test RB = RB1#74



5.1.1.1.5.1.3 Test RB = RB38#19



5.1.1.1.5.1.4 Test RB = RB75#0



5.1.1.1.5.2 Test Channel = HCH

5.1.1.1.5.2.1 Test RB = RB1#0



5.1.1.1.5.2.2 Test RB = RB1#74



5.1.1.1.5.2.3 Test RB = RB38#19



5.1.1.1.5.2.4 Test RB = RB75#0



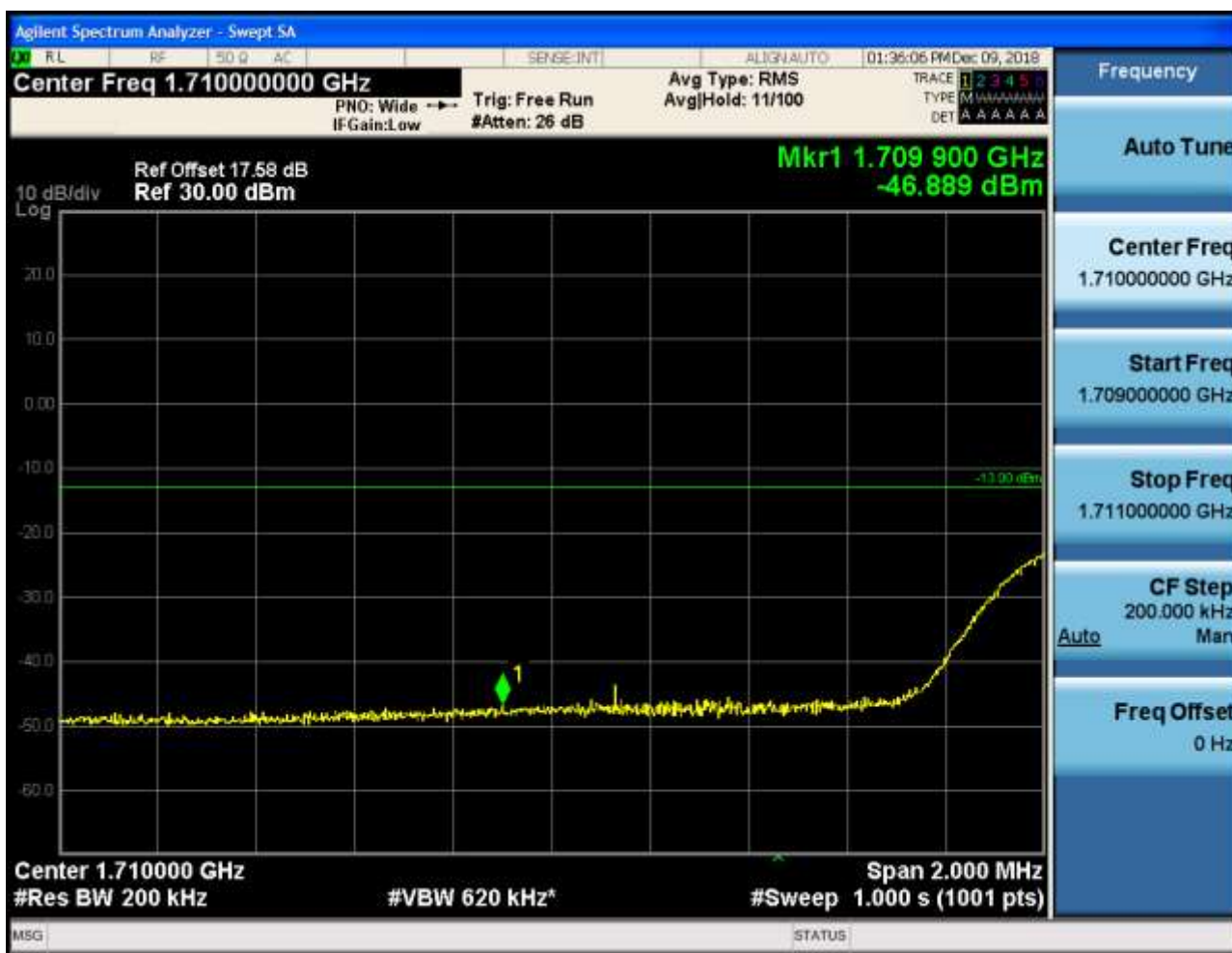
5.1.1.1.6 Test Bandwidth = 20

5.1.1.1.6.1 Test Channel = LCH

5.1.1.1.6.1.1 Test RB = RB1#0



5.1.1.1.6.1.2 Test RB = RB1#99



5.1.1.1.6.1.3 Test RB = RB50#25



5.1.1.1.6.1.4 Test RB = RB100#0



5.1.1.1.6.2 Test Channel = HCH

5.1.1.1.6.2.1 Test RB = RB1#0



5.1.1.1.6.2.2 Test RB = RB1#99



5.1.1.1.6.2.3 Test RB = RB50#25



5.1.1.1.6.2.4 Test RB = RB100#0

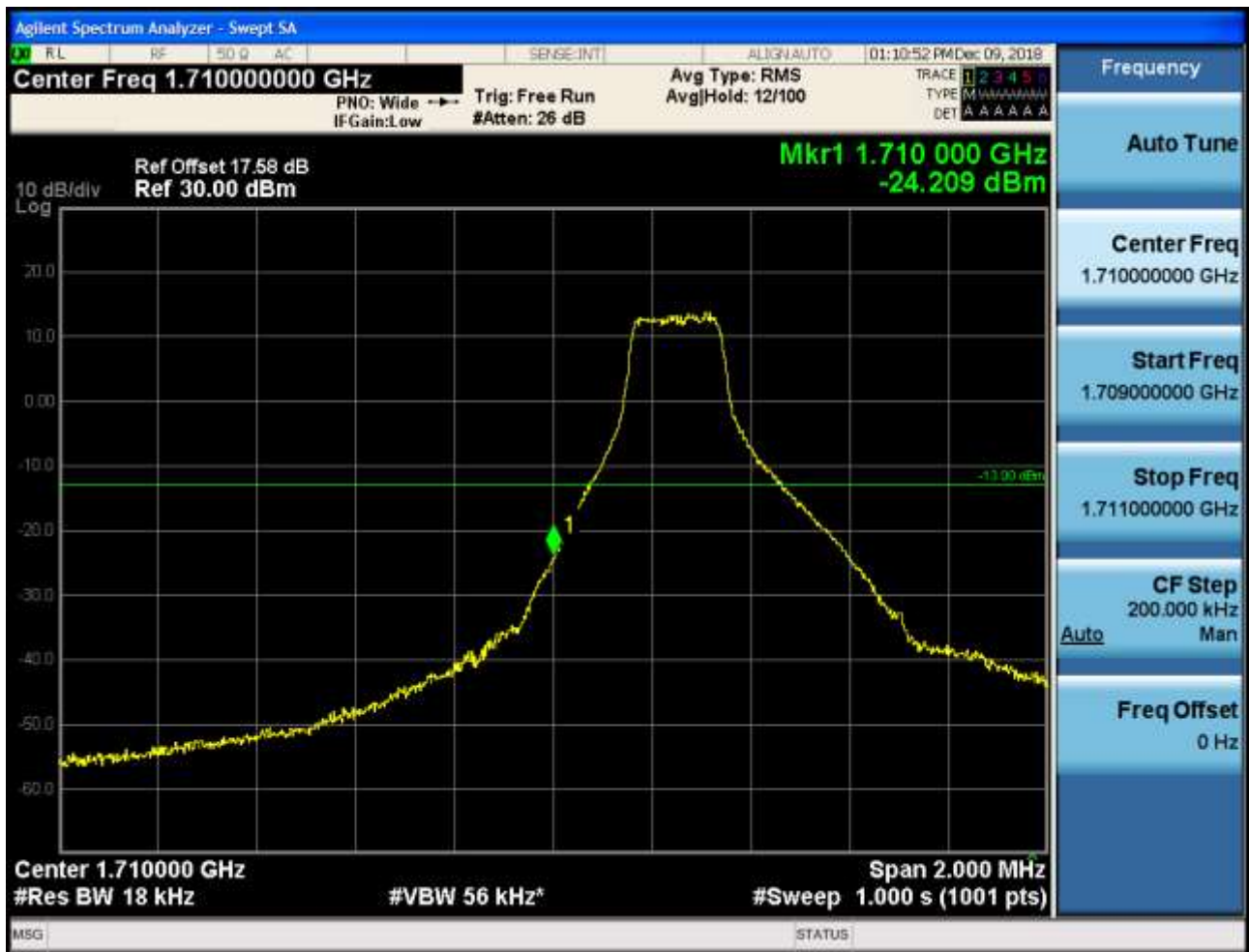


5.1.1.2 Test Mode = LTE/TM2

5.1.1.2.1 Test Bandwidth = 1.4

5.1.1.2.1.1 Test Channel = LCH

5.1.1.2.1.1.1 Test RB = RB1#0



5.1.1.2.1.1.2 Test RB = RB1#5



5.1.1.2.1.1.3 Test RB = RB3#2



5.1.1.2.1.1.4 Test RB = RB6#0



5.1.1.2.1.2 Test Channel = HCH

5.1.1.2.1.2.1 Test RB = RB1#0



5.1.1.2.1.2.2 Test RB = RB1#5

