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 Band width	Test Channel	PCC Test RB	SCC Test RB	Measured [dBm]	EIRP [dBm]	Limit [dBm]	Verdict
CA_38C	LTE/TM1	15+15	LCH	1 # 0	0 # 0	23.24	22.29	33	PASS
				partial RBs # 0	0 # 0	23.14	22.19	33	PASS
				full RBs # 0	0 # 0	22.12	21.17	33	PASS
				full RBs # 0	full RBs # 0	21.27	20.32	33	PASS
			MCH	1 # 0	0 # 0	23.12	22.17	33	PASS
				partial RBs # 0	0 # 0	23.12	22.17	33	PASS
				full RBs # 0	0 # 0	22.08	21.13	33	PASS
				full RBs # 0	full RBs # 0	21.27	20.32	33	PASS
			HCH	1 # 0	0 # 0	23.05	22.10	33	PASS

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Test Band(LTE)	Test Mode	Test Band width	Test Channel	PCC Test RB	SCC Test RB	Measured [dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				partial RBs # 0	0 # 0	23.10	22.15	33	PASS
				full RBs # 0	0 # 0	22.06	21.11	33	PASS
				full RBs # 0	full RBs # 0	21.01	20.06	33	PASS
		20+20	LCH	1 # 0	0 # 0	22.89	21.94	33	PASS
				partial RBs # 0	0 # 0	22.88	21.93	33	PASS
				full RBs # 0	0 # 0	21.60	20.65	33	PASS
				full RBs # 0	full RBs # 0	19.11	18.16	33	PASS
			MCH	1 # 0	0 # 0	22.84	21.89	33	PASS
				partial RBs # 0	0 # 0	22.95	22.00	33	PASS
				full RBs # 0	0 # 0	21.47	20.52	33	PASS

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Test Band(LTE)	Test Mode	Test Band width	Test Channel	PCC Test RB	SCC Test RB	Measured [dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				full RBs # 0	full RBs # 0	18.96	18.01	33	PASS
			HCH	1 # 0	0 # 0	22.85	21.90	33	PASS
				partial RBs # 0	0 # 0	22.96	22.01	33	PASS
				full RBs # 0	0 # 0	21.38	20.43	33	PASS
				full RBs # 0	full RBs # 0	18.88	17.93	33	PASS
	LTE/TM2	15+15	LCH	1 # 0	0 # 0	22.25	21.30	33	PASS
				partial RBs # 0	0 # 0	22.14	21.19	33	PASS
				full RBs # 0	0 # 0	21.02	20.07	33	PASS
				full RBs # 0	full RBs # 0	18.61	18.66	33	PASS
			MCH	1 # 0	0 # 0	22.34	21.39	33	PASS
				partial	0 # 0	22.09	21.14	33	PASS

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Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	PCC Test RB	SCC Test RB	Measured [dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RBs # 0					
				full RBs # 0	0 # 0	20.93	19.98	33	PASS
				full RBs # 0	full RBs # 0	18.63	18.68	33	PASS
			HCH	1 # 0	0 # 0	22.25	21.30	33	PASS
				partial RBs # 0	0 # 0	22.11	21.16	33	PASS
				full RBs # 0	0 # 0	20.90	19.95	33	PASS
				full RBs # 0	full RBs # 0	18.54	18.59	33	PASS
		20+20	LCH	1 # 0	0 # 0	22.90	21.95	33	PASS
				partial RBs # 0	0 # 0	21.94	20.99	33	PASS
				full RBs # 0	0 # 0	20.38	19.43	33	PASS

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Test Band(LTE)	Test Mode	Test Band width	Test Channel	PCC Test RB	SCC Test RB	Measured [dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				full RBs # 0	full RBs # 0	18.02	17.07	33	PASS
			MCH	1 # 0	0 # 0	22.78	21.83	33	PASS
				partial RBs # 0	0 # 0	21.99	21.04	33	PASS
				full RBs # 0	0 # 0	20.42	19.47	33	PASS
				full RBs # 0	full RBs # 0	17.90	16.95	33	PASS
			HCH	1 # 0	0 # 0	22.58	21.63	33	PASS
				partial RBs # 0	0 # 0	21.90	20.95	33	PASS
				full RBs # 0	0 # 0	20.48	19.53	33	PASS
				full RBs # 0	full RBs # 0	17.84	16.89	33	PASS

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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(LTE)	Test Mode	Test Bandwidth	Test Channel	PCC Test RB	SCC Test RB	Measured [dBm]	Limit [dBm]	Verdict
CA_38C	LTE/TM1	15+15	LCH	1 # 0	0 # 0	4.47	13	PASS
				partial RBs # 0	0 # 0	4.99	13	PASS
				full RBs # 0	0 # 0	6.20	13	PASS
				full RBs # 0	full RBs # 0	7.13	13	PASS
			MCH	1 # 0	0 # 0	4.77	13	PASS
				partial RBs # 0	0 # 0	5.14	13	PASS
				full RBs # 0	0 # 0	6.46	13	PASS
				full RBs # 0	full RBs # 0	6.96	13	PASS
			HCH	1 # 0	0 # 0	4.50	13	PASS
				partial RBs # 0	0 # 0	5.05	13	PASS
				full RBs # 0	0 # 0	6.13	13	PASS
				full RBs # 0	full RBs # 0	6.84	13	PASS
		20+20	LCH	1 # 0	0 # 0	4.54	13	PASS
				partial RBs # 0	0 # 0	4.81	13	PASS

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Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	PCC Test RB	SCC Test RB	Measured [dBm]	Limit [dBm]	Verdict
				full RBs # 0	0 # 0	6.19	13	PASS
				full RBs # 0	full RBs # 0	6.97	13	PASS
			MCH	1 # 0	0 # 0	4.44	13	PASS
				partial RBs # 0	0 # 0	4.84	13	PASS
				full RBs # 0	0 # 0	6.21	13	PASS
				full RBs # 0	full RBs # 0	6.83	13	PASS
			HCH	1 # 0	0 # 0	4.45	13	PASS
				partial RBs # 0	0 # 0	4.91	13	PASS
				full RBs # 0	0 # 0	6.26	13	PASS
				full RBs # 0	full RBs # 0	6.78	13	PASS
	LTE/TM2	15+15	LCH	1 # 0	0 # 0	5.14	13	PASS
				partial RBs # 0	0 # 0	5.69	13	PASS
				full RBs # 0	0 # 0	6.92	13	PASS
				full RBs # 0	full RBs # 0	7.71	13	PASS
			MCH	1 # 0	0 # 0	4.72	13	PASS
				partial RBs # 0	0 # 0	5.89	13	PASS

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Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	PCC Test RB	SCC Test RB	Measured [dBm]	Limit [dBm]	Verdict
				full RBs # 0	0 # 0	7.29	13	PASS
				full RBs # 0	full RBs # 0	7.51	13	PASS
			HCH	1 # 0	0 # 0	5.18	13	PASS
				partial RBs # 0	0 # 0	6.10	13	PASS
				full RBs # 0	0 # 0	7.03	13	PASS
				full RBs # 0	full RBs # 0	7.16	13	PASS
		20+20	LCH	1 # 0	0 # 0	4.62	13	PASS
				partial RBs # 0	0 # 0	5.52	13	PASS
				full RBs # 0	0 # 0	7.34	13	PASS
				full RBs # 0	full RBs # 0	7.55	13	PASS
			MCH	1 # 0	0 # 0	4.64	13	PASS
				partial RBs # 0	0 # 0	5.78	13	PASS
				full RBs # 0	0 # 0	7.09	13	PASS
				full RBs # 0	full RBs # 0	7.72	13	PASS
			HCH	1 # 0	0 # 0	4.93	13	PASS
				partial RBs # 0	0 # 0	5.72	13	PASS

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Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	PCC Test RB	SCC Test RB	Measured [dBm]	Limit [dBm]	Verdict
				full RBs # 0	0 # 0	7.24	13	PASS
				full RBs # 0	full RBs # 0	7.65	13	PASS

3Appendix_C: Modulation Characteristics

Part I - Test Plots

3.1 For LTE

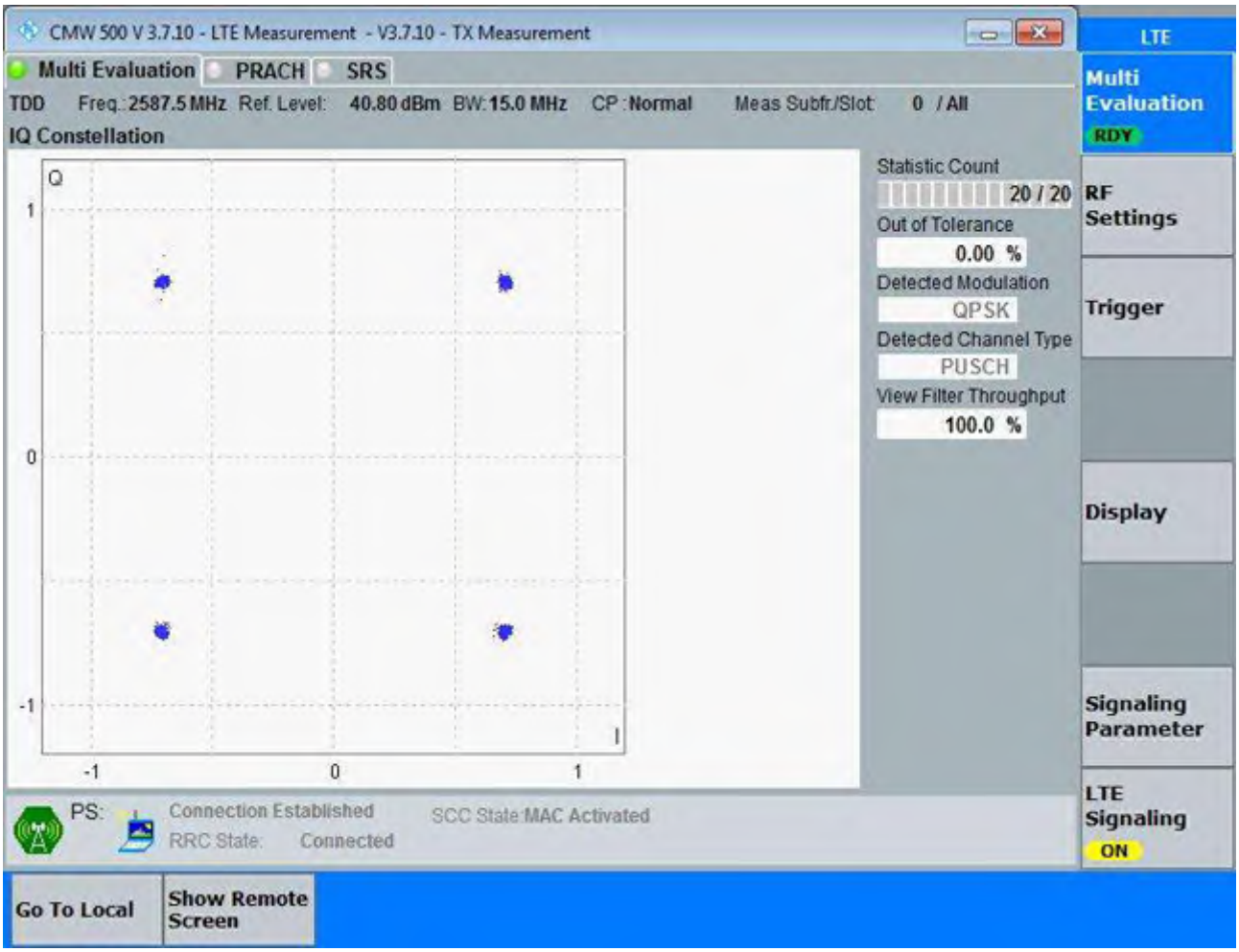
3.1.1 Test Band = CA_38C

3.1.1.1 Test Mode = LTE/TM1

3.1.1.1.1 Test Bandwidth = 15+15

3.1.1.1.1.1 Test Channel = MCH

3.1.1.1.1.1.1 PCC Test RB = full RBs & SCC Test RB = full RBs



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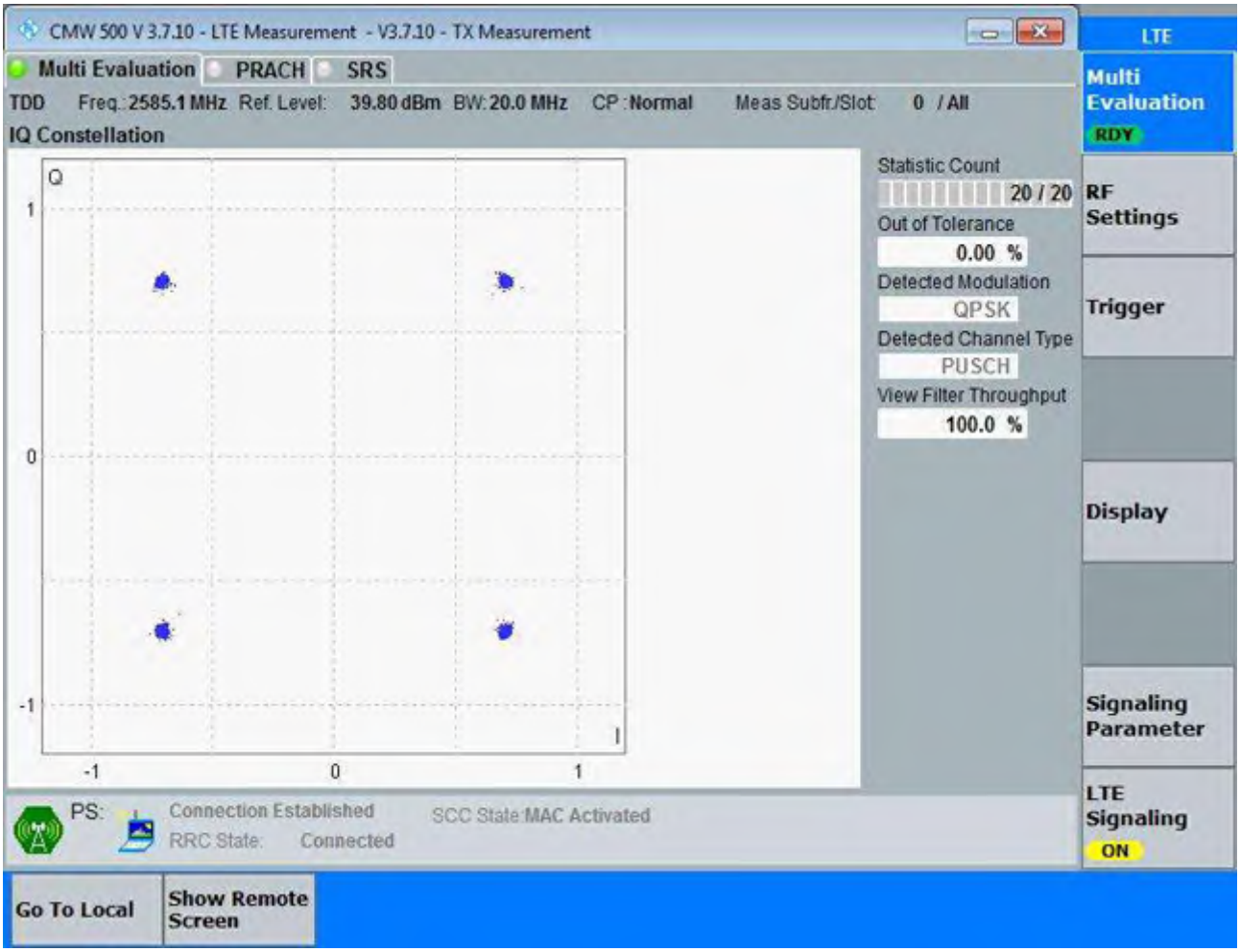
3.1.1.1.2 Test Bandwidth = 20+20

3.1.1.1.2.1 Test Channel = MCH

3.1.1.1.2.1.1 PCC Test RB = full RBs & SCC Test RB = full RBs

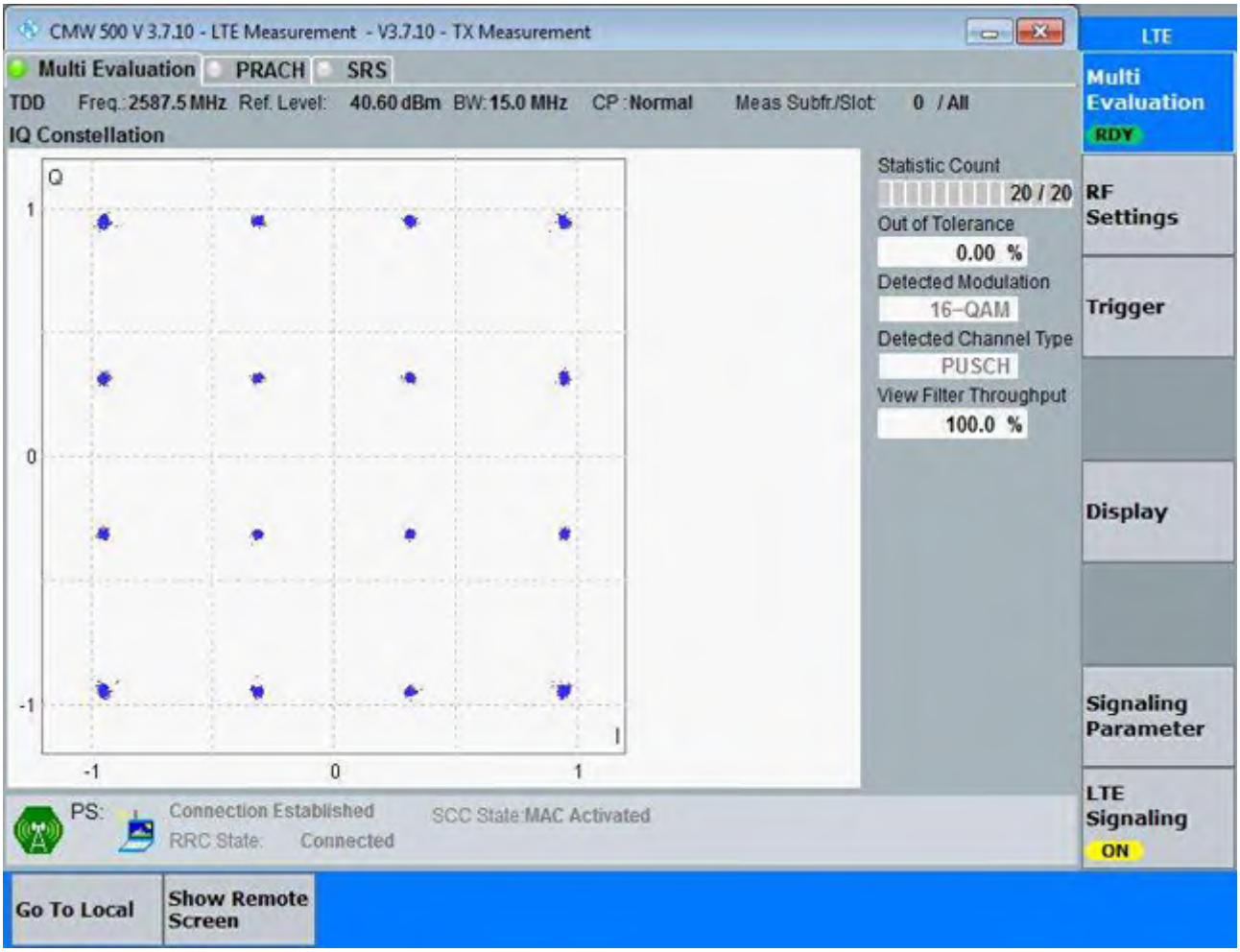


3.1.1.2 Test Mode = LTE/TM2

3.1.1.2.1 Test Bandwidth = 15+15

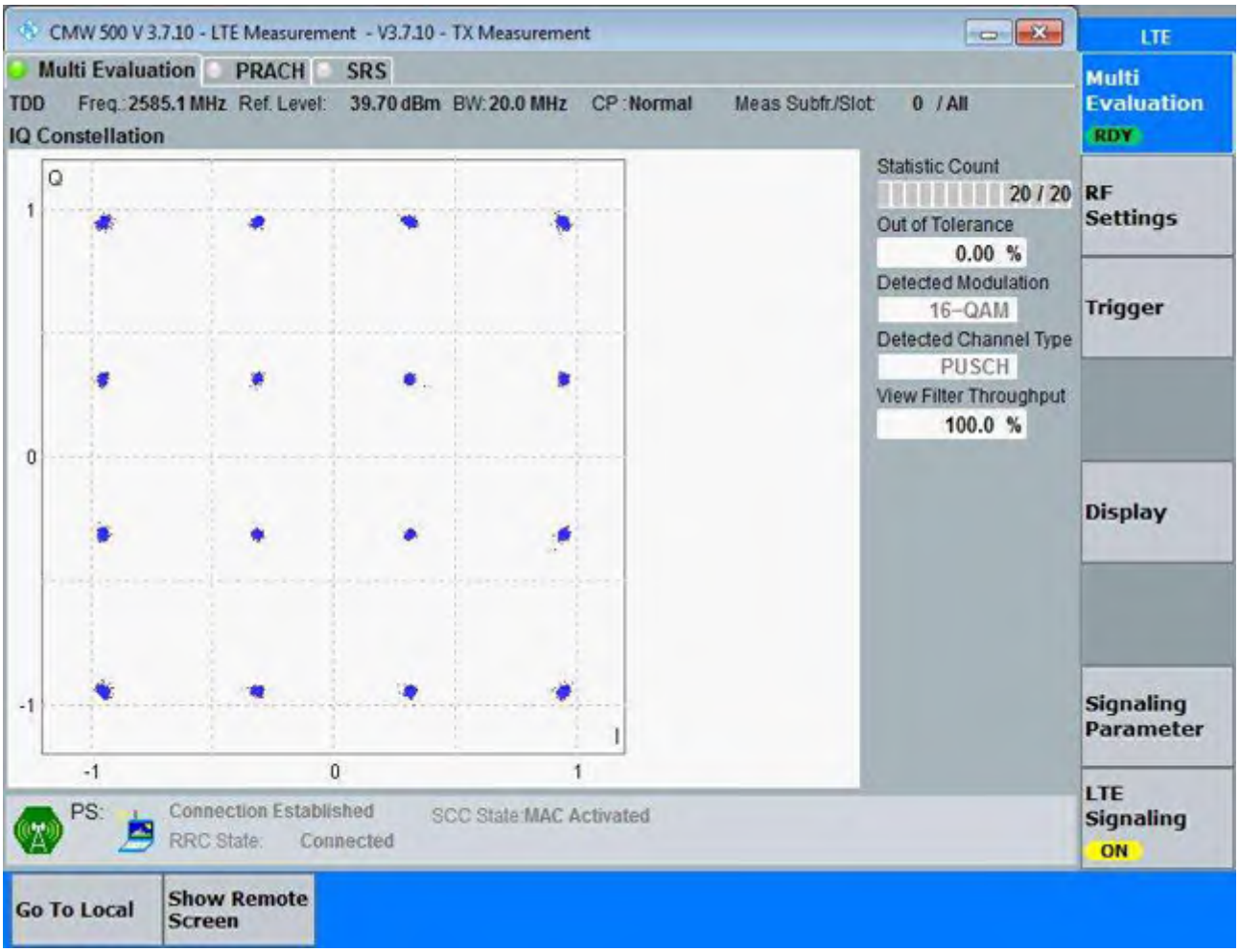
3.1.1.2.1.1 Test Channel = MCH

3.1.1.2.1.1.1 PCC Test RB = full RBs & SCC Test RB = full RBs



3.1.1.2.2 Test Bandwidth = 20+20

3.1.1.2.2.1.1 PCC Test RB = full RBs & SCC Test RB = full RBs



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4Appendix_D: Bandwidth

Part I - Test Results

Test Band(LTE)	Test Mode	Test Band width	Test Channel	PCC Test RB	SCC Test RB	Occupied Band width [MHz]	Emission Band width [MHz]	Verdict
CA_38C	LTE/ TM1	15+15	LCH	full RBs # 0	full RBs # 0	28.98	31.28	PASS
			MCH	full RBs # 0	full RBs # 0	28.95	32.34	PASS
			HCH	full RBs # 0	full RBs # 0	29.00	31.47	PASS
		20+20	LCH	full RBs # 0	full RBs # 0	38.47	41.41	PASS
			MCH	full RBs # 0	full RBs # 0	38.55	41.64	PASS
			HCH	full RBs # 0	full RBs # 0	38.52	41.39	PASS
	LTE/ TM2	15+15	LCH	full RBs # 0	full RBs # 0	28.98	31.38	PASS
			MCH	full RBs # 0	full RBs # 0	28.95	31.17	PASS
			HCH	full RBs # 0	full RBs # 0	28.99	31.31	PASS
		20+20	LCH	full RBs # 0	full RBs # 0	38.44	41.46	PASS
			MCH	full RBs # 0	full RBs # 0	38.45	41.25	PASS
			HCH	full RBs # 0	full RBs # 0	38.50	41.40	PASS

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Part II - Test Plots

4.1 For LTE

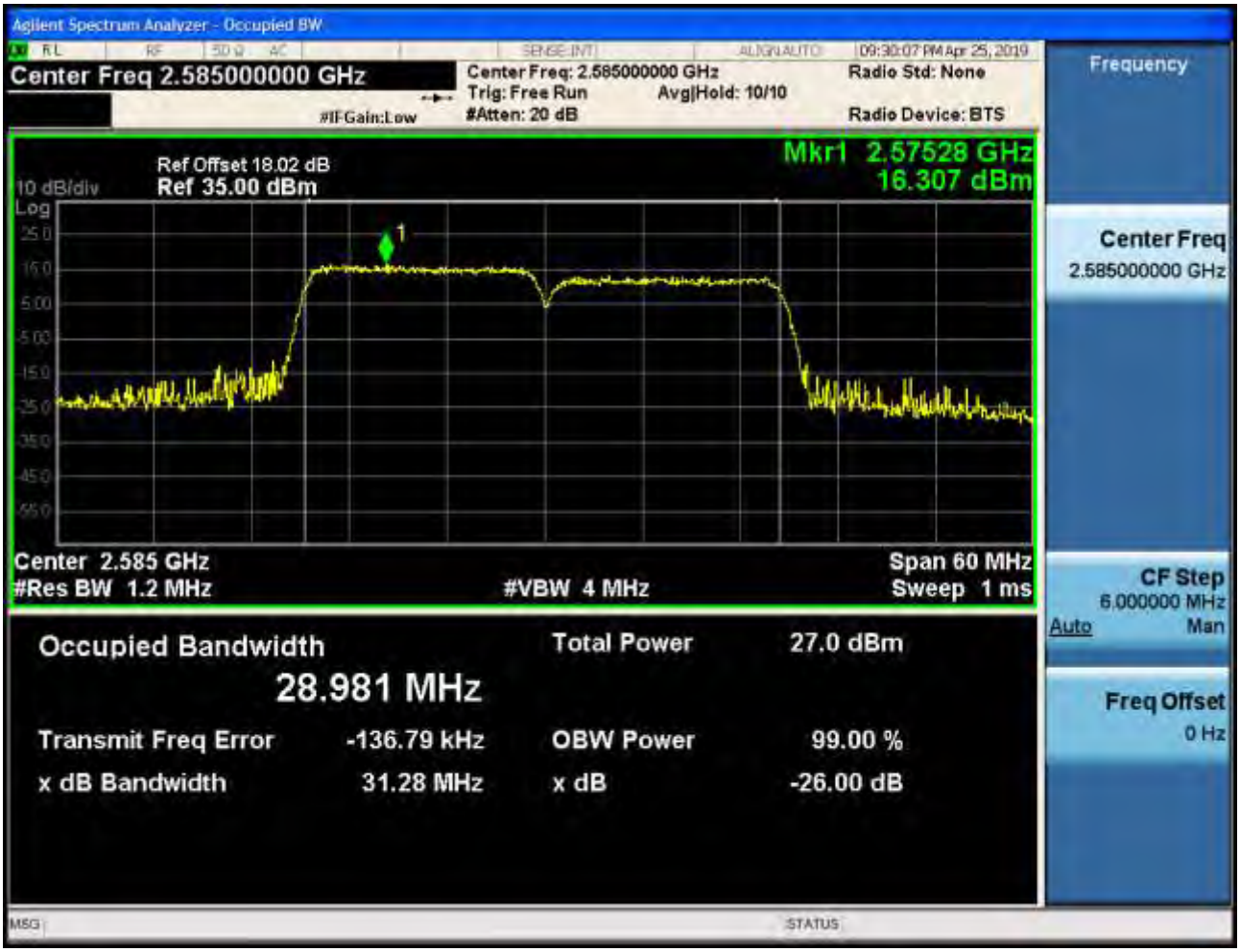
4.1.1 Test Band = CA_38C

4.1.1.1 Test Mode = LTE/TM1

4.1.1.1.1 Test Bandwidth = 15+15

4.1.1.1.1.1 Test Channel = LCH

4.1.1.1.1.1.1 PCC Test RB = full RBs & SCC Test RB = full RBs



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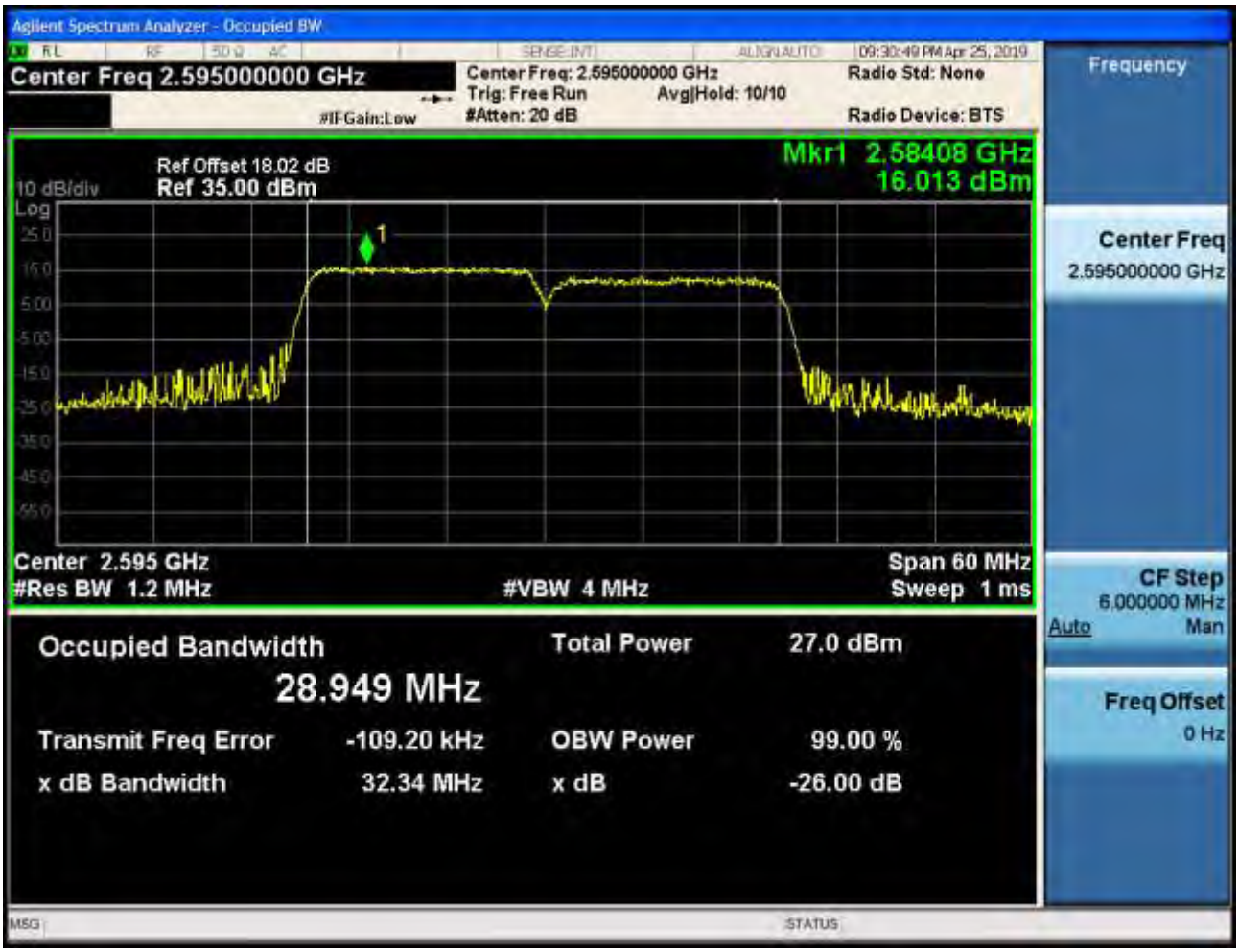
4.1.1.1.1.2 Test Channel = MCH

4.1.1.1.1.2.1 PCC Test RB = full RBs & SCC Test RB = full RBs



4.1.1.1.1.3 Test Channel = HCH

4.1.1.1.1.3.1 PCC Test RB = full RBs & SCC Test RB = full RBs

4.1.1.1.2 Test Bandwidth = 20+20

4.1.1.1.2.1 Test Channel = LCH

4.1.1.1.2.1.1 PCC Test RB = full RBs & SCC Test RB = full RBs

4.1.1.1.2.2 Test Channel = MCH

4.1.1.1.2.2.1 PCC Test RB = full RBs & SCC Test RB = full RBs

4.1.1.1.2.3 Test Channel = HCH

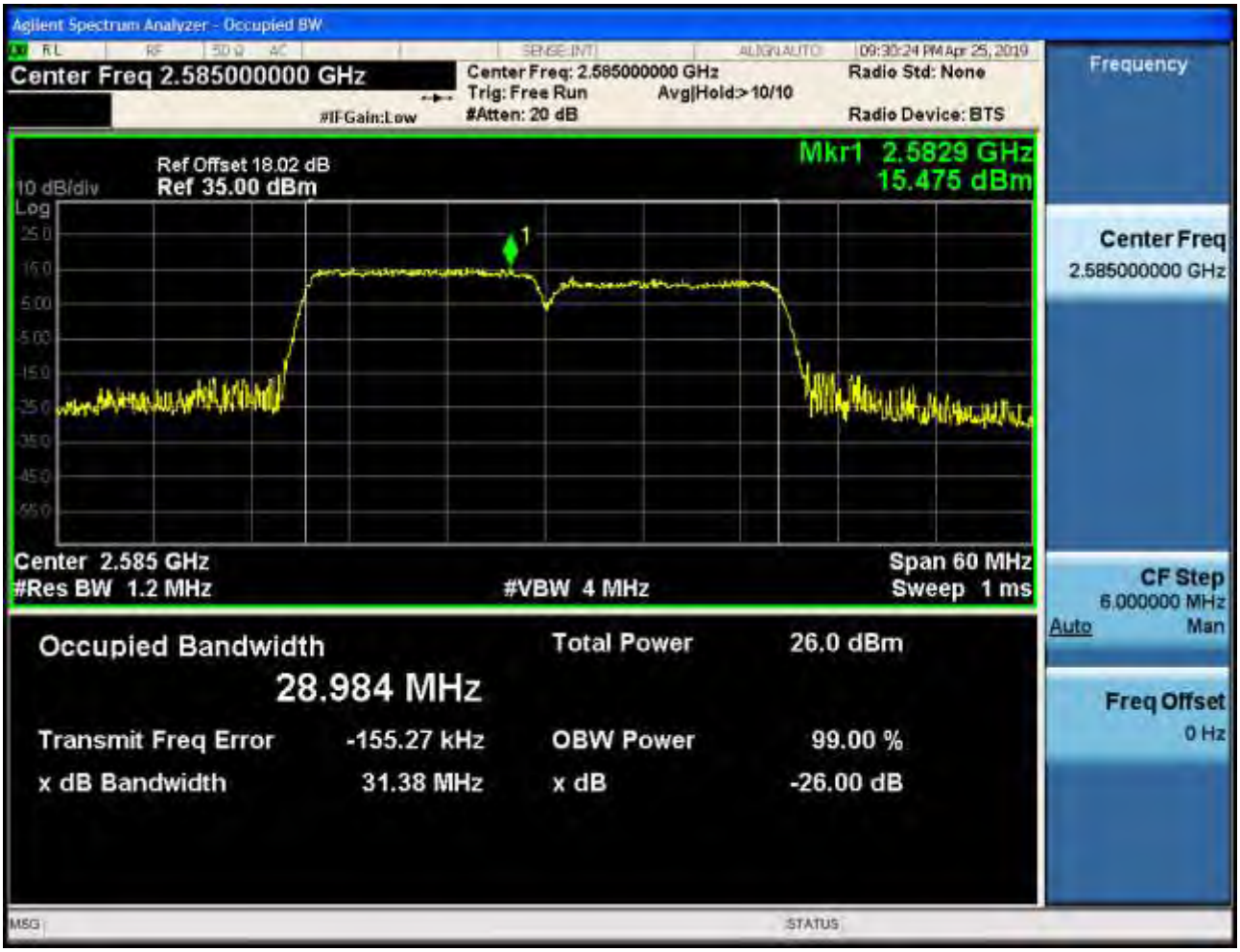
4.1.1.1.2.3.1 PCC Test RB = full RBs & SCC Test RB = full RBs

4.1.1.1 Test Mode = LTE/TM2

4.1.1.1.1 Test Bandwidth = 15+15

4.1.1.1.1.1 Test Channel = LCH

####### 4.1.1.1.1.1.1 PCC Test RB = full RBs & SCC Test RB = full RBs



4.1.1.1.1.2 Test Channel = MCH

4.1.1.1.1.2.1 PCC Test RB = full RBs & SCC Test RB = full RBs

4.1.1.1.1.3 Test Channel = HCH

4.1.1.1.1.3.1 PCC Test RB = full RBs & SCC Test RB = full RBs

4.1.1.1.2 Test Bandwidth = 20+20

4.1.1.1.2.1 Test Channel = LCH

4.1.1.1.2.1.1 PCC Test RB = full RBs & SCC Test RB = full RBs

4.1.1.1.2.2 Test Channel = MCH

4.1.1.1.2.2.1 PCC Test RB = full RBs & SCC Test RB = full RBs

4.1.1.1.2.3 Test Channel = HCH

4.1.1.1.2.3.1 PCC Test RB = full RBs & SCC Test RB = full RBs

5Appendix_E: Band Edges Compliance

Part I - Test Plots

5.1 For LTE

5.1.1 Test Band = CA_38C

5.1.1.1 Test Mode = LTE/TM1

5.1.1.1.1 Test Bandwidth = 15+15

5.1.1.1.1.1 Test Channel = LCH

5.1.1.1.1.1.1 PCC Test RB = 1 # 0 & SCC Test RB = 0

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Agilent Spectrum Analyzer - Swept SA
Center Freq 2.566750000 GHz
Gate: LO
PNO: Fast
IFGain:Low
Trig: External1
#Atten: 26 dB
Avg Type: RMS
Avg|Hold: 1/100
01:46:42 AM Apr 26, 2019
Ref Offset 18.01 dB
10 dB/div
Log
Ref 34.01 dBm
Mkr1 2.568 314 5 GHz
-32.478 dBm
Start 2.565000 GHz
#Res BW 1.0 MHz
#VBW 3.0 MHz*
Stop 2.568500 GHz
#Sweep 1.000 s (1001 pts)
Frequency
Auto Tune
Center Freq
2.566750000 GHz
Start Freq
2.565000000 GHz
Stop Freq
2.568500000 GHz
CF Step
350.000 kHz
Auto
Man
Freq Offset
0 Hz
MSG
STATUS

Agilent Spectrum Analyzer - Swept SA
Center Freq 2.570000000 GHz
Gate: LO
PNO: Fast
IFGain:Low
Trig: External1
#Atten: 26 dB
Avg Type: RMS
Avg|Hold: 7/100
01:47:37 AM Apr 26, 2019
Ref Offset 18.01 dB
10 dB/div
Log
Ref 34.01 dBm
Mkr1 2.569 995 GHz
-15.138 dBm
Start 2.569000 GHz
#Res BW 330 kHz
#VBW 1.0 MHz*
Stop 2.571000 GHz
#Sweep 1.000 s (1001 pts)
Frequency
Auto Tune
Center Freq
2.570000000 GHz
Start Freq
2.569000000 GHz
Stop Freq
2.571000000 GHz
CF Step
200.000 kHz
Auto
Man
Freq Offset
0 Hz
MSG
STATUS

5.1.1.1.1.1.2 PCC Test RB = partial RBs #0 & SCC Test RB = 0

Agilent Spectrum Analyzer - Swept SA
Center Freq 2.566750000 GHz
Gate: LO
PNO: Fast
IFGain:Low
Trig: External1
#Atten: 26 dB
Avg Type: RMS
Avg|Hold: 1/100
01:49:30 AM Apr 26, 2019
Ref Offset 18.01 dB
10 dB/div
Log
Ref 34.01 dBm
Mkr1 2.568 307 5 GHz
-23.539 dBm
Start 2.565000 GHz
#Res BW 1.0 MHz
#VBW 3.0 MHz*
Stop 2.568500 GHz
#Sweep 1.000 s (1001 pts)
Frequency
Auto Tune
Center Freq
2.566750000 GHz
Start Freq
2.565000000 GHz
Stop Freq
2.568500000 GHz
CF Step
350.000 kHz
Auto
Man
Freq Offset
0 Hz
MSG
STATUS

Agilent Spectrum Analyzer - Swept SA
Center Freq 2.570000000 GHz
Gate: LO
PNO: Fast
IFGain:Low
Trig: External1
#Atten: 26 dB
Avg Type: RMS
Avg|Hold: 7/100
01:50:25 AM Apr 26, 2019
Ref Offset 18.01 dB
10 dB/div
Log
Ref 34.01 dBm
Mkr1 2.569 995 GHz
-19.470 dBm
Start 2.569000 GHz
#Res BW 330 kHz
#VBW 1.0 MHz*
Stop 2.571000 GHz
#Sweep 1.000 s (1001 pts)
Frequency
Auto Tune
Center Freq
2.570000000 GHz
Start Freq
2.569000000 GHz
Stop Freq
2.571000000 GHz
CF Step
200.000 kHz
Auto
Man
Freq Offset
0 Hz
MSG
STATUS

5.1.1.1.1.1.3 PCC Test RB = full RBs & SCC Test RB = 0

Agilent Spectrum Analyzer - Swept SA
Center Freq 2.566750000 GHz
Gate: LO
PNO: Fast
IFGain:Low
Trig: External1
#Atten: 26 dB
Avg Type: RMS
Avg|Hold: 1/100
01:52:18 AM Apr 26, 2019
Ref Offset 18.01 dB
10 dB/div
Log
Ref 34.01 dBm
Mkr1 2.567 177 0 GHz
-27.963 dBm
Start 2.565000 GHz
#Res BW 1.0 MHz
#VBW 3.0 MHz*
Stop 2.568500 GHz
#Sweep 1.000 s (1001 pts)
Frequency
Auto Tune
Center Freq
2.566750000 GHz
Start Freq
2.565000000 GHz
Stop Freq
2.568500000 GHz
CF Step
350.000 kHz
Auto
Man
Freq Offset
0 Hz
MSG
STATUS

Agilent Spectrum Analyzer - Swept SA
Center Freq 2.570000000 GHz
Gate: LO
PNO: Fast
IFGain:Low
Trig: External1
#Atten: 26 dB
Avg Type: RMS
Avg|Hold: 7/100
01:53:13 AM Apr 26, 2019
Ref Offset 18.01 dB
10 dB/div
Log
Ref 34.01 dBm
Mkr1 2.569 995 GHz
-27.728 dBm
Start 2.569000 GHz
#Res BW 330 kHz
#VBW 1.0 MHz*
Stop 2.571000 GHz
#Sweep 1.000 s (1001 pts)
Frequency
Auto Tune
Center Freq
2.570000000 GHz
Start Freq
2.569000000 GHz
Stop Freq
2.571000000 GHz
CF Step
200.000 kHz
Auto
Man
Freq Offset
0 Hz
MSG
STATUS

5.1.1.1.1.1.4 PCC Test RB = full RBs & SCC Test RB = full RBs

Agilent Spectrum Analyzer - Swept SA
Center Freq 2.566750000 GHz
Gate: LO
PNO: Fast
IFGain:Low
Trig: External1
#Atten: 26 dB
Avg Type: RMS
Avg|Hold: 1/100
01:43:36 AM Apr 26, 2019
Ref Offset 18.01 dB
10 dB/div
Log
Ref 34.01 dBm
Mkr1 2.567 156 0 GHz
-31.287 dBm
Start 2.565000 GHz
#Res BW 1.0 MHz
#VBW 3.0 MHz*
Stop 2.568500 GHz
#Sweep 1.000 s (1001 pts)
Frequency
Auto Tune
Center Freq
2.566750000 GHz
Start Freq
2.565000000 GHz
Stop Freq
2.568500000 GHz
CF Step
350.000 kHz
Auto
Man
Freq Offset
0 Hz
MSG
STATUS

Agilent Spectrum Analyzer - Swept SA
Center Freq 2.570000000 GHz
Gate: LO
PNO: Fast
IFGain:Low
Trig: External1
#Atten: 26 dB
Avg Type: RMS
Avg|Hold: 7/100
01:44:31 AM Apr 26, 2019
Ref Offset 18.01 dB
10 dB/div
Log
Ref 34.01 dBm
Mkr1 2.569 985 GHz
-31.109 dBm
Start 2.569000 GHz
#Res BW 330 kHz
#VBW 1.0 MHz*
Stop 2.571000 GHz
#Sweep 1.000 s (1001 pts)
Frequency
Auto Tune
Center Freq
2.570000000 GHz
Start Freq
2.569000000 GHz
Stop Freq
2.571000000 GHz
CF Step
200.000 kHz
Auto
Man
Freq Offset
0 Hz
MSG
STATUS

5.1.1.1.1.2 Test Channel = HCH

5.1.1.1.1.2.1 PCC Test RB = 0 & SCC Test RB = 1 # max

Agilent Spectrum Analyzer - Swept SA
Center Freq 2.623250000 GHz
PNO: Fast
IFGain:Low
Trig: Free Run
#Atten: 26 dB
Avg Type: RMS
Avg|Hold: 7/100
11:54:31 AM Apr 28, 2019
Ref Offset 18.02 dB
10 dB/div
Log
Ref 34.02 dBm
Mkr1 2.621 503 5 GHz
-33.642 dBm
Start 2.621500 GHz
#Res BW 1.0 MHz
#VBW 3.0 MHz*
Stop 2.625000 GHz
#Sweep 1.000 s (1001 pts)
Frequency
Auto Tune
Center Freq
2.623250000 GHz
Start Freq
2.621500000 GHz
Stop Freq
2.625000000 GHz
CF Step
350.000 kHz
Auto
Man
Freq Offset
0 Hz
MSG
STATUS

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5.1.1.1.1.2.2 PCC Test RB = 0 & SCC Test RB = partial RBs #max

Agilent Spectrum Analyzer - Swept SA
Center Freq 2.623250000 GHz
PNO: Fast
IFGain:Low
Trig: Free Run
#Atten: 26 dB
Avg Type: RMS
Avg|Hold: 7/100
11:57:25 AM Apr 28, 2019
Ref Offset 18.02 dB
10 dB/div
Log
Ref 34.02 dBm
Mkr1 2.621 517 5 GHz
-21.463 dBm
Start 2.621500 GHz
#Res BW 1.0 MHz
#VBW 3.0 MHz*
Stop 2.625000 GHz
#Sweep 1.000 s (1001 pts)
Frequency
Auto Tune
Center Freq
2.623250000 GHz
Start Freq
2.621500000 GHz
Stop Freq
2.625000000 GHz
CF Step
350.000 kHz
Auto
Man
Freq Offset
0 Hz
MSG
STATUS

Agilent Spectrum Analyzer - Swept SA
Center Freq 2.632500000 GHz
PNO: Fast
IFGain:Low
Trig: Free Run
#Atten: 26 dB
Avg Type: RMS
Avg|Hold: 7/100
11:57:38 AM Apr 29, 2019
Ref Offset 18.02 dB
10 dB/div
Log
Ref 34.02 dBm
Mkr1 2.625 000 GHz
-38.628 dBm
Start 2.625000 GHz
#Res BW 1.0 MHz
#VBW 3.0 MHz*
Stop 2.640000 GHz
#Sweep 1.000 s (1001 pts)
Frequency
Auto Tune
Center Freq
2.632500000 GHz
Start Freq
2.625000000 GHz
Stop Freq
2.640000000 GHz
CF Step
1.500000 MHz
Auto
Man
Freq Offset
0 Hz
MSG
STATUS

5.1.1.1.1.2.3 PCC Test RB = 0 & SCC Test RB = full RBs

Agilent Spectrum Analyzer - Swept SA
Center Freq 2.623250000 GHz
PNO: Fast
IFGain:Low
Trig: Free Run
#Atten: 26 dB
Avg Type: RMS
Avg|Hold: 7/100
12:00:12 PM Apr 28, 2019
Ref Offset 18.02 dB
10 dB/div
Log
Ref 34.02 dBm
Mkr1 2.621 570 0 GHz
-28.121 dBm
Start 2.621500 GHz
#Res BW 1.0 MHz
#VBW 3.0 MHz*
Stop 2.625000 GHz
#Sweep 1.000 s (1001 pts)
Frequency
Auto Tune
Center Freq
2.623250000 GHz
Start Freq
2.621500000 GHz
Stop Freq
2.625000000 GHz
CF Step
350.000 kHz
Auto
Man
Freq Offset
0 Hz
MSG
STATUS

Agilent Spectrum Analyzer - Swept SA
Center Freq 2.632500000 GHz
PNO: Fast
IFGain:Low
Trig: Free Run
#Atten: 26 dB
Avg Type: RMS
Avg|Hold: 7/100
12:00:24 PM Apr 28, 2019
Ref Offset 18.02 dB
10 dB/div
Log
Ref 34.02 dBm
Mkr1 2.625 135 GHz
-31.441 dBm
Start 2.625000 GHz
#Res BW 1.0 MHz
#VBW 3.0 MHz*
Stop 2.640000 GHz
#Sweep 1.000 s (1001 pts)
Frequency
Auto Tune
Center Freq
2.632500000 GHz
Start Freq
2.625000000 GHz
Stop Freq
2.640000000 GHz
CF Step
1.500000 MHz
Auto
Man
Freq Offset
0 Hz
MSG
STATUS

5.1.1.1.1.2.4 PCC Test RB = full RBs & SCC Test RB = full RBs

Agilent Spectrum Analyzer - Swept SA
Center Freq 2.623250000 GHz
PNO: Fast
IFGain:Low
Trig: Free Run
#Atten: 26 dB
Avg Type: RMS
Avg|Hold: 7/100
11:51:35 AM Apr 28, 2019
Ref Offset 18.02 dB
10 dB/div
Log
Ref 34.02 dBm
Mkr1 2.622 070 5 GHz
-34.480 dBm
Start 2.621500 GHz
#Res BW 1.0 MHz
#VBW 3.0 MHz*
Stop 2.625000 GHz
#Sweep 1.000 s (1001 pts)
Frequency
Auto Tune
Center Freq
2.623250000 GHz
Start Freq
2.621500000 GHz
Stop Freq
2.625000000 GHz
CF Step
350.000 kHz
Auto
Man
Freq Offset
0 Hz
MSG
STATUS

Agilent Spectrum Analyzer - Swept SA
Center Freq 2.632500000 GHz
PNO: Fast
IFGain:Low
Trig: Free Run
#Atten: 26 dB
Avg Type: RMS
Avg|Hold: 7/100
11:51:48 AM Apr 28, 2019
Ref Offset 18.02 dB
10 dB/div
Log
Ref 34.02 dBm
Mkr1 2.625 435 GHz
-34.947 dBm
Start 2.625000 GHz
#Res BW 1.0 MHz
#VBW 3.0 MHz*
Stop 2.640000 GHz
#Sweep 1.000 s (1001 pts)
Frequency
Auto Tune
Center Freq
2.632500000 GHz
Start Freq
2.625000000 GHz
Stop Freq
2.640000000 GHz
CF Step
1.500000 MHz
Auto
Man
Freq Offset
0 Hz
MSG
STATUS

5.1.1.1.2 Test Bandwidth = 20+20

5.1.1.1.2.1 Test Channel = LCH

5.1.1.1.2.1.1 PCC Test RB = 1 # 0 & SCC Test RB = 0

Agilent Spectrum Analyzer - Swept SA
Center Freq 2.566750000 GHz
Gate: LO
PNO: Fast
IFGain:Low
Trig: External1
#Atten: 26 dB
Avg Type: RMS
Avg|Hold: 1/100
01:22:59 AM Apr 26, 2019
Ref Offset 18.01 dB
10 dB/div
Log
Ref 34.01 dBm
Mkr1 2.567 621 5 GHz
-34.490 dBm
Start 2.565000 GHz
#Res BW 1.0 MHz
#VBW 3.0 MHz*
Stop 2.568500 GHz
#Sweep 1.000 s (1001 pts)
Frequency
Auto Tune
Center Freq
2.566750000 GHz
Start Freq
2.565000000 GHz
Stop Freq
2.568500000 GHz
CF Step
350.000 kHz
Auto
Man
Freq Offset
0 Hz
MSG
STATUS

Agilent Spectrum Analyzer - Swept SA
Center Freq 2.570000000 GHz
Gate: LO
PNO: Fast
IFGain:Low
Trig: External1
#Atten: 26 dB
Avg Type: RMS
Avg|Hold: 7/100
01:23:54 AM Apr 26, 2019
Ref Offset 18.01 dB
10 dB/div
Log
Ref 34.01 dBm
Mkr1 2.569 985 GHz
-20.473 dBm
Start 2.569000 GHz
#Res BW 430 kHz
#VBW 1.3 MHz*
Stop 2.571000 GHz
#Sweep 1.000 s (1001 pts)
Frequency
Auto Tune
Center Freq
2.570000000 GHz
Start Freq
2.569000000 GHz
Stop Freq
2.571000000 GHz
CF Step
200.000 kHz
Auto
Man
Freq Offset
0 Hz
MSG
STATUS

5.1.1.1.2.1.2 PCC Test RB = partial RBs #0 & SCC Test RB = 0

Agilent Spectrum Analyzer - Swept SA
Center Freq 2.566750000 GHz
Gate: LO
PNO: Fast
IFGain:Low
Trig: External1
#Atten: 26 dB
Avg Type: RMS
Avg|Hold: 1/100
01:25:47 AM Apr 26, 2019
Ref Offset 18.01 dB
10 dB/div
Log
Ref 34.01 dBm
Mkr1 2.568 202 5 GHz
-24.707 dBm
Start 2.565000 GHz
#Res BW 1.0 MHz
#VBW 3.0 MHz*
Stop 2.568500 GHz
#Sweep 1.000 s (1001 pts)
Frequency
Auto Tune
Center Freq
2.566750000 GHz
Start Freq
2.565000000 GHz
Stop Freq
2.568500000 GHz
CF Step
350.000 kHz
Auto
Man
Freq Offset
0 Hz
MSG
STATUS

Agilent Spectrum Analyzer - Swept SA
Center Freq 2.570000000 GHz
Gate: LO
PNO: Fast
IFGain:Low
Trig: External1
#Atten: 26 dB
Avg Type: RMS
Avg|Hold: 7/100
01:26:42 AM Apr 26, 2019
Ref Offset 18.01 dB
10 dB/div
Log
Ref 34.01 dBm
Mkr1 2.569 965 GHz
-20.815 dBm
Start 2.569000 GHz
#Res BW 430 kHz
#VBW 1.3 MHz*
Stop 2.571000 GHz
#Sweep 1.000 s (1001 pts)
Frequency
Auto Tune
Center Freq
2.570000000 GHz
Start Freq
2.569000000 GHz
Stop Freq
2.571000000 GHz
CF Step
200.000 kHz
Auto
Man
Freq Offset
0 Hz
MSG
STATUS

5.1.1.1.2.1.3 PCC Test RB = full RBs & SCC Test RB = 0

Agilent Spectrum Analyzer - Swept SA
Center Freq 2.566750000 GHz
Gate: LO
PNO: Fast
IFGain:Low
Trig: External1
#Atten: 26 dB
Avg Type: RMS
Avg|Hold: 1/100
01:28:35 AM Apr 26, 2019
Ref Offset 18.01 dB
10 dB/div
Log
Ref 34.01 dBm
Mkr1 2.568 318 0 GHz
-29.688 dBm
Start 2.565000 GHz
#Res BW 1.0 MHz
#VBW 3.0 MHz*
Stop 2.568500 GHz
#Sweep 1.000 s (1001 pts)
Frequency
Auto Tune
Center Freq
2.566750000 GHz
Start Freq
2.565000000 GHz
Stop Freq
2.568500000 GHz
CF Step
350.000 kHz
Auto
Man
Freq Offset
0 Hz
MSG
STATUS

Agilent Spectrum Analyzer - Swept SA
Center Freq 2.570000000 GHz
Gate: LO
PNO: Fast
IFGain:Low
Trig: External1
#Atten: 26 dB
Avg Type: RMS
Avg|Hold: 7/100
01:29:30 AM Apr 26, 2019
Ref Offset 18.01 dB
10 dB/div
Log
Ref 34.01 dBm
Mkr1 2.569 995 GHz
-30.123 dBm
Start 2.569000 GHz
#Res BW 430 kHz
#VBW 1.3 MHz*
Stop 2.571000 GHz
#Sweep 1.000 s (1001 pts)
Frequency
Auto Tune
Center Freq
2.570000000 GHz
Start Freq
2.569000000 GHz
Stop Freq
2.571000000 GHz
CF Step
200.000 kHz
Auto
Man
Freq Offset
0 Hz
MSG
STATUS

5.1.1.1.2.1.4 PCC Test RB = full RBs & SCC Test RB = full RBs

Agilent Spectrum Analyzer - Swept SA
Center Freq 2.566750000 GHz
Gate: LO
PNO: Fast
IFGain:Low
Trig: External1
#Atten: 26 dB
Avg Type: RMS
Avg|Hold: 1/100
01:20:11 AM Apr 26, 2019
Ref Offset 18.01 dB
10 dB/div
Log
Ref 34.01 dBm
Mkr1 2.568 052 0 GHz
-32.186 dBm
Start 2.565000 GHz
#Res BW 1.0 MHz
#VBW 3.0 MHz*
Stop 2.568500 GHz
#Sweep 1.000 s (1001 pts)
Frequency
Auto Tune
Center Freq
2.566750000 GHz
Start Freq
2.565000000 GHz
Stop Freq
2.568500000 GHz
CF Step
350.000 kHz
Auto
Man
Freq Offset
0 Hz
MSG
STATUS

Agilent Spectrum Analyzer - Swept SA
Center Freq 2.570000000 GHz
Gate: LO
PNO: Fast
IFGain:Low
Trig: External1
#Atten: 26 dB
Avg Type: RMS
Avg|Hold: 7/100
01:21:06 AM Apr 26, 2019
Ref Offset 18.01 dB
10 dB/div
Log
Ref 34.01 dBm
Mkr1 2.569 995 GHz
-33.384 dBm
Start 2.569000 GHz
#Res BW 430 kHz
#VBW 1.3 MHz*
Stop 2.571000 GHz
#Sweep 1.000 s (1001 pts)
Frequency
Auto Tune
Center Freq
2.570000000 GHz
Start Freq
2.569000000 GHz
Stop Freq
2.571000000 GHz
CF Step
200.000 kHz
Auto
Man
Freq Offset
0 Hz
MSG
STATUS

5.1.1.1.2.2 Test Channel = HCH

5.1.1.1.2.2.1 PCC Test RB = 0 & SCC Test RB = 1 # max

Agilent Spectrum Analyzer - Swept SA
Center Freq 2.623250000 GHz
Gate: LO
PNO: Fast
IFGain:Low
Trig: External1
#Atten: 26 dB
Avg Type: RMS
Avg|Hold: 1/100
01:35:04 AM Apr 26, 2019
Ref Offset 18.02 dB
10 dB/div
Log
Ref 34.02 dBm
Mkr1 2.621 510 5 GHz
-33.224 dBm
Start 2.621500 GHz
#Res BW 1.0 MHz
#VBW 3.0 MHz*
Stop 2.625000 GHz
#Sweep 1.000 s (1001 pts)
Frequency
Auto Tune
Center Freq
2.623250000 GHz
Start Freq
2.621500000 GHz
Stop Freq
2.625000000 GHz
CF Step
350.000 kHz
Auto
Man
Freq Offset
0 Hz
MSG
STATUS

Agilent Spectrum Analyzer - Swept SA
Center Freq 2.635000000 GHz
Gate: LO
PNO: Fast
IFGain:Low
Trig: External1
#Atten: 26 dB
Avg Type: RMS
Avg|Hold: 1/100
01:35:17 AM Apr 26, 2019
Ref Offset 18.02 dB
10 dB/div
Log
Ref 34.02 dBm
Mkr1 2.637 76 GHz
-37.980 dBm
Start 2.62500 GHz
#Res BW 1.0 MHz
#VBW 3.0 MHz*
Stop 2.64500 GHz
#Sweep 1.000 s (1001 pts)
Frequency
Auto Tune
Center Freq
2.635000000 GHz
Start Freq
2.625000000 GHz
Stop Freq
2.645000000 GHz
CF Step
2.000000 MHz
Auto
Man
Freq Offset
0 Hz
MSG
STATUS

5.1.1.1.2.2.2 PCC Test RB = 0 & SCC Test RB = partial RBs #max

Agilent Spectrum Analyzer - Swept SA
Center Freq 2.623250000 GHz
Gate: LO
PNO: Fast
IFGain:Low
Trig: External1
#Atten: 26 dB
Avg Type: RMS
Avg|Hold: 1/100
01:37:53 AM Apr 26, 2019
Ref Offset 18.02 dB
10 dB/div
Log
Ref 34.02 dBm
Mkr1 2.621 510 5 GHz
-23.231 dBm
Start 2.621500 GHz
#Res BW 1.0 MHz
#VBW 3.0 MHz*
Stop 2.625000 GHz
#Sweep 1.000 s (1001 pts)
Frequency
Auto Tune
Center Freq
2.623250000 GHz
Start Freq
2.621500000 GHz
Stop Freq
2.625000000 GHz
CF Step
350.000 kHz
Auto
Man
Freq Offset
0 Hz
MSG
STATUS

Agilent Spectrum Analyzer - Swept SA
Center Freq 2.635000000 GHz
Gate: LO
PNO: Fast
IFGain:Low
Trig: External1
#Atten: 26 dB
Avg Type: RMS
Avg|Hold: 1/100
01:38:05 AM Apr 26, 2019
Ref Offset 18.02 dB
10 dB/div
Log
Ref 34.02 dBm
Mkr1 2.625 00 GHz
-37.121 dBm
Start 2.62500 GHz
#Res BW 1.0 MHz
#VBW 3.0 MHz*
Stop 2.64500 GHz
#Sweep 1.000 s (1001 pts)
Frequency
Auto Tune
Center Freq
2.635000000 GHz
Start Freq
2.625000000 GHz
Stop Freq
2.645000000 GHz
CF Step
2.000000 MHz
Auto
Man
Freq Offset
0 Hz
MSG
STATUS

5.1.1.1.2.2.3 PCC Test RB = 0 & SCC Test RB = full RBs

Agilent Spectrum Analyzer - Swept SA
Center Freq 2.623250000 GHz
Gate: LO
PNO: Fast
IFGain:Low
Trig: External1
#Atten: 26 dB
Avg Type: RMS
Avg|Hold: 1/100
01:40:41 AM Apr 26, 2019
Ref Offset 18.02 dB
10 dB/div
Log
Ref 34.02 dBm
Mkr1 2.621 566 5 GHz
-33.059 dBm
Start 2.621500 GHz
#Res BW 1.0 MHz
#VBW 3.0 MHz*
Stop 2.625000 GHz
#Sweep 1.000 s (1001 pts)
Frequency
Auto Tune
Center Freq
2.623250000 GHz
Start Freq
2.621500000 GHz
Stop Freq
2.625000000 GHz
CF Step
350.000 kHz
Auto
Man
Freq Offset
0 Hz
MSG
STATUS

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5.1.1.1.2.2.4 PCC Test RB = full RBs & SCC Test RB = full RBs

Agilent Spectrum Analyzer - Swept SA
Center Freq 2.623250000 GHz
Gate: LO
PNO: Fast
IFGain:Low
Trig: External1
#Atten: 26 dB
Avg Type: RMS
Avg|Hold: 1/100
01:32:16 AM Apr 26, 2019
Ref Offset 18.02 dB
10 dB/div
Log
Ref 34.02 dBm
Mkr1 2.621 591 0 GHz
-34.786 dBm
Start 2.621500 GHz
#Res BW 1.0 MHz
#VBW 3.0 MHz*
Stop 2.625000 GHz
#Sweep 1.000 s (1001 pts)
Frequency
Auto Tune
Center Freq
2.623250000 GHz
Start Freq
2.621500000 GHz
Stop Freq
2.625000000 GHz
CF Step
350.000 kHz
Auto
Man
Freq Offset
0 Hz
MSG
STATUS

Agilent Spectrum Analyzer - Swept SA
Center Freq 2.635000000 GHz
Gate: LO
PNO: Fast
IFGain:Low
Trig: External1
#Atten: 26 dB
Avg Type: RMS
Avg|Hold: 1/100
01:32:29 AM Apr 26, 2019
Ref Offset 18.02 dB
10 dB/div
Log
Ref 34.02 dBm
Mkr1 2.627 76 GHz
-34.945 dBm
Start 2.62500 GHz
#Res BW 1.0 MHz
#VBW 3.0 MHz*
Stop 2.64500 GHz
#Sweep 1.000 s (1001 pts)
Frequency
Auto Tune
Center Freq
2.635000000 GHz
Start Freq
2.625000000 GHz
Stop Freq
2.645000000 GHz
CF Step
2.000000 MHz
Auto
Man
Freq Offset
0 Hz
MSG
STATUS

5.1.1.2 Test Mode = LTE/TM2

5.1.1.2.1 Test Bandwidth = 15+15

5.1.1.2.1.1 Test Channel = LCH

5.1.1.2.1.1.1 PCC Test RB = 1 # 0 & SCC Test RB = 0

Agilent Spectrum Analyzer - Swept SA
Center Freq 2.566750000 GHz
Gate: LO
PNO: Fast
IFGain:Low
Trig: External1
#Atten: 26 dB
Avg Type: RMS
Avg|Hold: 1/100
01:48:06 AM Apr 26, 2019
Ref Offset 18.01 dB
10 dB/div
Log
Ref 34.01 dBm
Mkr1 2.568 286 5 GHz
-35.673 dBm
Start 2.565000 GHz
#Res BW 1.0 MHz
#VBW 3.0 MHz*
Stop 2.568500 GHz
#Sweep 1.000 s (1001 pts)
Frequency
Auto Tune
Center Freq
2.566750000 GHz
Start Freq
2.565000000 GHz
Stop Freq
2.568500000 GHz
CF Step
350.000 kHz
Auto
Man
Freq Offset
0 Hz
MSG
STATUS

Agilent Spectrum Analyzer - Swept SA
Center Freq 2.570000000 GHz
Gate: LO
PNO: Fast
IFGain:Low
Trig: External1
#Atten: 26 dB
Avg Type: RMS
Avg|Hold: 7/100
01:49:01 AM Apr 26, 2019
Ref Offset 18.01 dB
10 dB/div
Log
Ref 34.01 dBm
Mkr1 2.569 990 GHz
-16.645 dBm
Start 2.569000 GHz
#Res BW 330 kHz
#VBW 1.0 MHz*
Stop 2.571000 GHz
#Sweep 1.000 s (1001 pts)
Frequency
Auto Tune
Center Freq
2.570000000 GHz
Start Freq
2.569000000 GHz
Stop Freq
2.571000000 GHz
CF Step
200.000 kHz
Auto
Man
Freq Offset
0 Hz
MSG
STATUS

5.1.1.2.1.1.2 PCC Test RB = partial RBs #0 & SCC Test RB = 0

Agilent Spectrum Analyzer - Swept SA
Center Freq 2.566750000 GHz
Gate: LO
PNO: Fast
IFGain:Low
Trig: External1
#Atten: 26 dB
Avg Type: RMS
Avg|Hold: 1/100
01:50:54 AM Apr 26, 2019
Ref Offset 18.01 dB
10 dB/div
Ref 34.01 dBm
Log
Mkr1 2.568 314 5 GHz
-26.710 dBm
Start 2.565000 GHz
#Res BW 1.0 MHz
#VBW 3.0 MHz*
Stop 2.568500 GHz
#Sweep 1.000 s (1001 pts)
Frequency
Auto Tune
Center Freq
2.566750000 GHz
Start Freq
2.565000000 GHz
Stop Freq
2.568500000 GHz
CF Step
350.000 kHz
Auto
Man
Freq Offset
0 Hz
MSG
STATUS

Agilent Spectrum Analyzer - Swept SA
Center Freq 2.570000000 GHz
Gate: LO
PNO: Fast
IFGain:Low
Trig: External1
#Atten: 26 dB
Avg Type: RMS
Avg|Hold: 7/100
01:51:49 AM Apr 26, 2019
Ref Offset 18.01 dB
10 dB/div
Log
Ref 34.01 dBm
Mkr1 2.569 995 GHz
-21.394 dBm
Start 2.569000 GHz
#Res BW 330 kHz
#VBW 1.0 MHz*
Stop 2.571000 GHz
#Sweep 1.000 s (1001 pts)
Frequency
Auto Tune
Center Freq
2.570000000 GHz
Start Freq
2.569000000 GHz
Stop Freq
2.571000000 GHz
CF Step
200.000 kHz
Auto
Man
Freq Offset
0 Hz
MSG
STATUS

5.1.1.2.1.1.3 PCC Test RB = full RBs & SCC Test RB = 0

Agilent Spectrum Analyzer - Swept SA
Center Freq 2.566750000 GHz
Gate: LO
PNO: Fast
IFGain:Low
Trig: External1
#Atten: 26 dB
Avg Type: RMS
Avg|Hold: 1/100
01:53:42 AM Apr 26, 2019
Ref Offset 18.01 dB
10 dB/div
Log
Ref 34.01 dBm
Mkr1 2.567 243 5 GHz
-30.785 dBm
Start 2.565000 GHz
#Res BW 1.0 MHz
#VBW 3.0 MHz*
Stop 2.568500 GHz
#Sweep 1.000 s (1001 pts)
Frequency
Auto Tune
Center Freq
2.566750000 GHz
Start Freq
2.565000000 GHz
Stop Freq
2.568500000 GHz
CF Step
350.000 kHz
Auto
Man
Freq Offset
0 Hz
MSG
STATUS

Agilent Spectrum Analyzer - Swept SA
Center Freq 2.570000000 GHz
Gate: LO
PNO: Fast
IFGain:Low
Trig: External1
#Atten: 26 dB
Avg Type: RMS
Avg|Hold: 7/100
01:54:37 AM Apr 26, 2019
Ref Offset 18.01 dB
10 dB/div
Log
Ref 34.01 dBm
Mkr1 2.569 985 GHz
-29.959 dBm
Start 2.569000 GHz
#Res BW 330 kHz
#VBW 1.0 MHz*
Stop 2.571000 GHz
#Sweep 1.000 s (1001 pts)
Frequency
Auto Tune
Center Freq
2.570000000 GHz
Start Freq
2.569000000 GHz
Stop Freq
2.571000000 GHz
CF Step
200.000 kHz
Auto
Man
Freq Offset
0 Hz
MSG
STATUS

5.1.1.2.1.1.4 PCC Test RB = full RBs & SCC Test RB = full RBs

Agilent Spectrum Analyzer - Swept SA
Center Freq 2.566750000 GHz
Gate: LO
PNO: Fast
IFGain:Low
Trig: External1
#Atten: 26 dB
Avg Type: RMS
Avg|Hold: 1/100
01:45:18 AM Apr 26, 2019
Ref Offset 18.01 dB
10 dB/div
Log
Ref 34.01 dBm
Mkr1 2.566 844 5 GHz
-33.288 dBm
Start 2.565000 GHz
#Res BW 1.0 MHz
#VBW 3.0 MHz*
Stop 2.568500 GHz
#Sweep 1.000 s (1001 pts)
Frequency
Auto Tune
Center Freq
2.566750000 GHz
Start Freq
2.565000000 GHz
Stop Freq
2.568500000 GHz
CF Step
350.000 kHz
Auto
Man
Freq Offset
0 Hz
MSG
STATUS

Agilent Spectrum Analyzer - Swept SA
Center Freq 2.570000000 GHz
Gate: LO
PNO: Fast
IFGain:Low
Trig: External1
#Atten: 26 dB
Avg Type: RMS
Avg|Hold: 7/100
01:46:13 AM Apr 26, 2019
Ref Offset 18.01 dB
10 dB/div
Log
Ref 34.01 dBm
Mkr1 2.569 985 GHz
-32.748 dBm
Start 2.569000 GHz
#Res BW 330 kHz
#VBW 1.0 MHz*
Stop 2.571000 GHz
#Sweep 1.000 s (1001 pts)
Frequency
Auto Tune
Center Freq
2.570000000 GHz
Start Freq
2.569000000 GHz
Stop Freq
2.571000000 GHz
CF Step
200.000 kHz
Auto
Man
Freq Offset
0 Hz
MSG
STATUS

5.1.1.2.1.2 Test Channel = HCH

5.1.1.2.1.2.1 PCC Test RB = 0 & SCC Test RB = 1 # max

Agilent Spectrum Analyzer - Swept SA
Center Freq 2.623250000 GHz
PNO: Fast
IFGain:Low
Trig: Free Run
#Atten: 26 dB
Avg Type: RMS
Avg|Hold: 7/100
11:55:56 AM Apr 28, 2019
Ref Offset 18.02 dB
10 dB/div
Log
Ref 34.02 dBm
Mkr1 2.621 514 0 GHz
-32.506 dBm
Start 2.621500 GHz
#Res BW 1.0 MHz
#VBW 3.0 MHz*
Stop 2.625000 GHz
#Sweep 1.000 s (1001 pts)
Frequency
Auto Tune
Center Freq
2.623250000 GHz
Start Freq
2.621500000 GHz
Stop Freq
2.625000000 GHz
CF Step
350.000 kHz
Auto
Man
Freq Offset
0 Hz
MSG
STATUS

Agilent Spectrum Analyzer - Swept SA
Center Freq 2.632500000 GHz
PNO: Fast
IFGain:Low
Trig: Free Run
#Atten: 26 dB
Avg Type: RMS
Avg|Hold: 7/100
11:56:09 AM Apr 28, 2019
Ref Offset 18.02 dB
10 dB/div
Log
Ref 34.02 dBm
Mkr1 2.625 045 GHz
-37.923 dBm
Start 2.625000 GHz
#Res BW 1.0 MHz
#VBW 3.0 MHz*
Stop 2.640000 GHz
#Sweep 1.000 s (1001 pts)
Frequency
Auto Tune
Center Freq
2.632500000 GHz
Start Freq
2.625000000 GHz
Stop Freq
2.640000000 GHz
CF Step
1.500000 MHz
Auto
Man
Freq Offset
0 Hz
MSG
STATUS

5.1.1.2.1.2.2 PCC Test RB = 0 & SCC Test RB = partial RBs #max

Agilent Spectrum Analyzer - Swept SA
Center Freq 2.623250000 GHz
PNO: Fast
IFGain:Low
Trig: Free Run
#Atten: 26 dB
Avg Type: RMS
Avg|Hold: 7/100
11:58:48 AM Apr 28, 2019
Ref Offset 18.02 dB
10 dB/div
Log
Ref 34.02 dBm
Mkr1 2.621 514 0 GHz
-24.255 dBm
Start 2.621500 GHz
#Res BW 1.0 MHz
#VBW 3.0 MHz*
Stop 2.625000 GHz
#Sweep 1.000 s (1001 pts)
Frequency
Auto Tune
Center Freq
2.623250000 GHz
Start Freq
2.621500000 GHz
Stop Freq
2.625000000 GHz
CF Step
350.000 kHz
Auto
Man
Freq Offset
0 Hz
MSG
STATUS

Agilent Spectrum Analyzer - Swept SA
Center Freq 2.632500000 GHz
PNO: Fast
IFGain:Low
Trig: Free Run
#Atten: 26 dB
Avg Type: RMS
Avg|Hold: 7/100
11:59:01 AM Apr 28, 2019
Ref Offset 18.02 dB
10 dB/div
Log
Ref 34.02 dBm
Mkr1 2.625 060 GHz
-39.359 dBm
Start 2.625000 GHz
#Res BW 1.0 MHz
#VBW 3.0 MHz*
Stop 2.640000 GHz
#Sweep 1.000 s (1001 pts)
Frequency
Auto Tune
Center Freq
2.632500000 GHz
Start Freq
2.625000000 GHz
Stop Freq
2.640000000 GHz
CF Step
1.500000 MHz
Auto
Man
Freq Offset
0 Hz
MSG
STATUS

5.1.1.2.1.2.3 PCC Test RB = 0 & SCC Test RB = full RBs

Agilent Spectrum Analyzer - Swept SA
Center Freq 2.623250000 GHz
PNO: Fast
IFGain:Low
Trig: Free Run
#Atten: 26 dB
Avg Type: RMS
Avg|Hold: 7/100
12:01:35 PM Apr 28, 2019
Ref Offset 18.02 dB
10 dB/div
Log
Ref 34.02 dBm
Mkr1 2.621 500 0 GHz
-31.638 dBm
Start 2.621500 GHz
#Res BW 1.0 MHz
#VBW 3.0 MHz*
Stop 2.625000 GHz
#Sweep 1.000 s (1001 pts)
Frequency
Auto Tune
Center Freq
2.623250000 GHz
Start Freq
2.621500000 GHz
Stop Freq
2.625000000 GHz
CF Step
350.000 kHz
Auto
Man
Freq Offset
0 Hz
MSG
STATUS

Agilent Spectrum Analyzer - Swept SA
Center Freq 2.632500000 GHz
PNO: Fast
IFGain:Low
Trig: Free Run
#Atten: 26 dB
Avg Type: RMS
Avg|Hold: 7/100
12:01:48 PM Apr 28, 2019
Ref Offset 18.02 dB
10 dB/div
Log
Ref 34.02 dBm
Mkr1 2.625 135 GHz
-34.260 dBm
Start 2.625000 GHz
#Res BW 1.0 MHz
#VBW 3.0 MHz*
Stop 2.640000 GHz
#Sweep 1.000 s (1001 pts)
Frequency
Auto Tune
Center Freq
2.632500000 GHz
Start Freq
2.625000000 GHz
Stop Freq
2.640000000 GHz
CF Step
1.500000 MHz
Auto
Man
Freq Offset
0 Hz
MSG
STATUS

5.1.1.2.1.2.4 PCC Test RB = full RBs & SCC Test RB = full RBs

Agilent Spectrum Analyzer - Swept SA
Center Freq 2.623250000 GHz
PNO: Fast
IFGain:Low
Trig: Free Run
#Atten: 26 dB
Avg Type: RMS
Avg|Hold: 7/100
11:53:05 AM Apr 28, 2019
Ref Offset 18.02 dB
10 dB/div
Log
Ref 34.02 dBm
Mkr1 2.622 900 0 GHz
-35.489 dBm
Start 2.621500 GHz
#Res BW 1.0 MHz
#VBW 3.0 MHz*
Stop 2.625000 GHz
#Sweep 1.000 s (1001 pts)
Frequency
Auto Tune
Center Freq
2.623250000 GHz
Start Freq
2.621500000 GHz
Stop Freq
2.625000000 GHz
CF Step
350.000 kHz
Auto
Man
Freq Offset
0 Hz
MSG
STATUS

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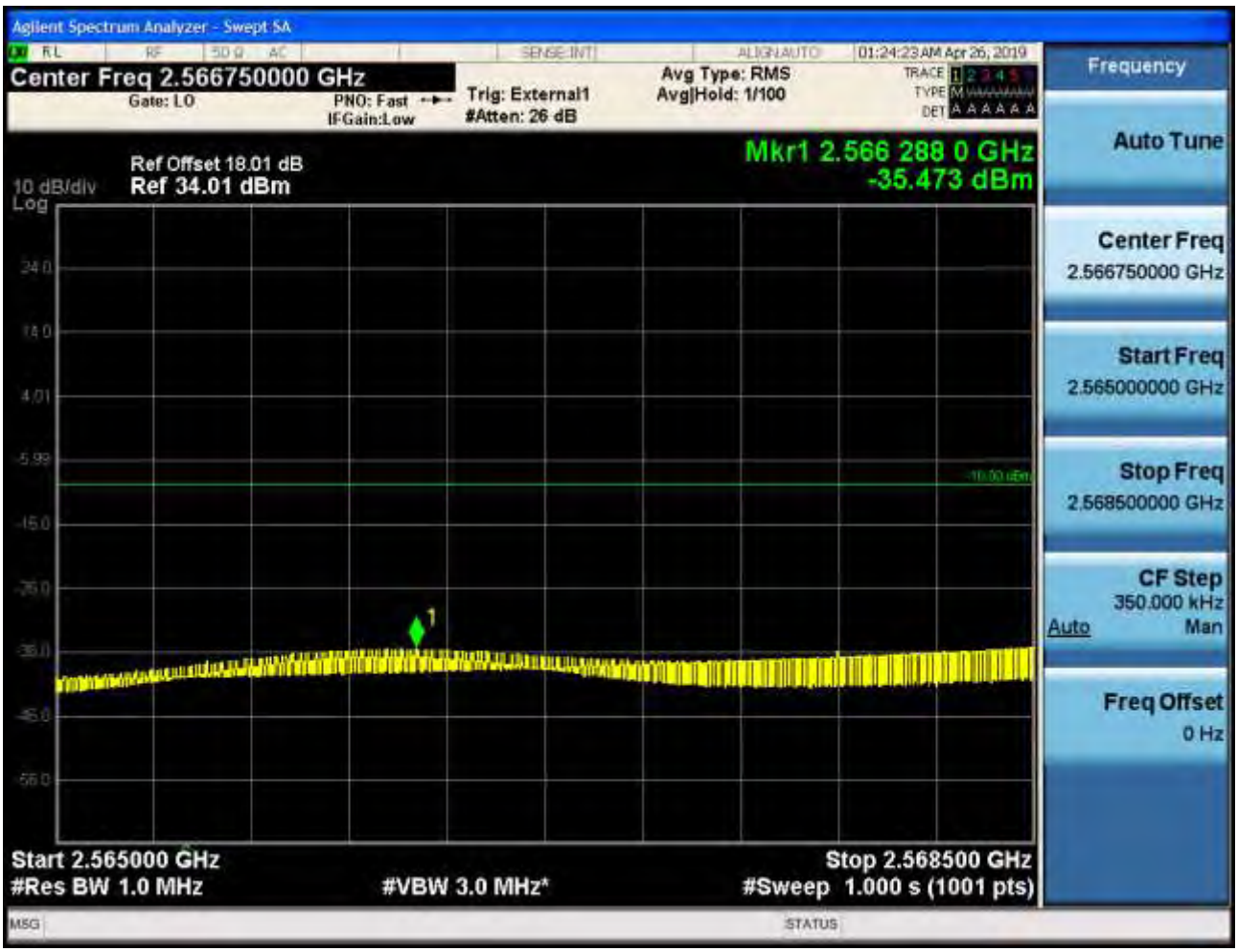
5.1.1.2.2 Test Bandwidth = 20+20

5.1.1.2.2.1 Test Channel = LCH

5.1.1.2.2.1.1 PCC Test RB = 1 # 0 & SCC Test RB = 0


Agilent Spectrum Analyzer - Swept SA
Center Freq 2.566750000 GHz
Gate: LO
PNO: Fast
IFGain:Low
Trig: External1
#Atten: 26 dB
Avg Type: RMS
Avg|Hold: 1/100
01:24:23 AM Apr 26, 2019
Ref Offset 18.01 dB
10 dB/div
Log
Ref 34.01 dBm
Mkr1 2.566 288 0 GHz
-35.473 dBm
Start 2.565000 GHz
#Res BW 1.0 MHz
#VBW 3.0 MHz*
Stop 2.568500 GHz
#Sweep 1.000 s (1001 pts)
Frequency
Auto Tune
Center Freq
2.566750000 GHz
Start Freq
2.565000000 GHz
Stop Freq
2.568500000 GHz
CF Step
350.000 kHz
Auto
Man
Freq Offset
0 Hz
MSG
STATUS

Agilent Spectrum Analyzer - Swept SA
Center Freq 2.570000000 GHz
Gate: LO
PNO: Fast
IFGain:Low
Trig: External1
#Atten: 26 dB
Avg Type: RMS
Avg|Hold: 7/100
01:25:18 AM Apr 26, 2019
Ref Offset 18.01 dB
10 dB/div
Log
Ref 34.01 dBm
Mkr1 2.570 000 GHz
-20.789 dBm
Start 2.569000 GHz
#Res BW 430 kHz
#VBW 1.3 MHz*
Stop 2.571000 GHz
#Sweep 1.000 s (1001 pts)
Frequency
Auto Tune
Center Freq
2.570000000 GHz
Start Freq
2.569000000 GHz
Stop Freq
2.571000000 GHz
CF Step
200.000 kHz
Auto
Man
Freq Offset
0 Hz
MSG
STATUS

5.1.1.2.2.1.2 PCC Test RB = partial RBs #0 & SCC Test RB = 0

Agilent Spectrum Analyzer - Swept SA
Center Freq 2.566750000 GHz
Gate: LO
PNO: Fast
IFGain:Low
Trig: External1
#Atten: 26 dB
Avg Type: RMS
Avg|Hold: 1/100
01:27:11 AM Apr 26, 2019
Ref Offset 18.01 dB
10 dB/div
Log
Ref 34.01 dBm
Mkr1 2.568 300 5 GHz
-26.091 dBm
Start 2.565000 GHz
#Res BW 1.0 MHz
#VBW 3.0 MHz*
Stop 2.568500 GHz
#Sweep 1.000 s (1001 pts)
Frequency
Auto Tune
Center Freq
2.566750000 GHz
Start Freq
2.565000000 GHz
Stop Freq
2.568500000 GHz
CF Step
350.000 kHz
Auto
Man
Freq Offset
0 Hz
MSG
STATUS

Agilent Spectrum Analyzer - Swept SA
Center Freq 2.570000000 GHz
Gate: LO
PNO: Fast
IFGain:Low
Trig: External1
#Atten: 26 dB
Avg Type: RMS
Avg|Hold: 7/100
01:28:06 AM Apr 26, 2019
Ref Offset 18.01 dB
10 dB/div
Log
Ref 34.01 dBm
Mkr1 2.569 990 GHz
-22.022 dBm
Start 2.569000 GHz
#Res BW 430 kHz
#VBW 1.3 MHz*
Stop 2.571000 GHz
#Sweep 1.000 s (1001 pts)
Frequency
Auto Tune
Center Freq
2.570000000 GHz
Start Freq
2.569000000 GHz
Stop Freq
2.571000000 GHz
CF Step
200.000 kHz
Auto
Man
Freq Offset
0 Hz
MSG
STATUS

5.1.1.2.2.1.3 PCC Test RB = full RBs & SCC Test RB = 0

Agilent Spectrum Analyzer - Swept SA
Center Freq 2.566750000 GHz
Gate: LO
PNO: Fast
IFGain:Low
Trig: External1
#Atten: 26 dB
Avg Type: RMS
Avg|Hold: 1/100
01:29:59 AM Apr 26, 2019
Ref Offset 18.01 dB
10 dB/div
Log
Ref 34.01 dBm
Mkr1 2.568 174 5 GHz
-31.596 dBm
Start 2.565000 GHz
#Res BW 1.0 MHz
#VBW 3.0 MHz*
Stop 2.568500 GHz
#Sweep 1.000 s (1001 pts)
Frequency
Auto Tune
Center Freq
2.566750000 GHz
Start Freq
2.565000000 GHz
Stop Freq
2.568500000 GHz
CF Step
350.000 kHz
Auto
Man
Freq Offset
0 Hz
MSG
STATUS

Agilent Spectrum Analyzer - Swept SA
Center Freq 2.570000000 GHz
Gate: LO
PNO: Fast
IFGain:Low
Trig: External1
#Atten: 26 dB
Avg Type: RMS
Avg|Hold: 7/100
01:30:54 AM Apr 26, 2019
Ref Offset 18.01 dB
10 dB/div
Log
Ref 34.01 dBm
Mkr1 2.569 985 GHz
-31.718 dBm
Start 2.569000 GHz
#Res BW 430 kHz
#VBW 1.3 MHz*
Stop 2.571000 GHz
#Sweep 1.000 s (1001 pts)
Frequency
Auto Tune
Center Freq
2.570000000 GHz
Start Freq
2.569000000 GHz
Stop Freq
2.571000000 GHz
CF Step
200.000 kHz
Auto
Man
Freq Offset
0 Hz
MSG
STATUS

5.1.1.2.2.1.4 PCC Test RB = full RBs & SCC Test RB = full RBs

Agilent Spectrum Analyzer - Swept SA
Center Freq 2.566750000 GHz
Gate: LO
PNO: Fast
IFGain:Low
Trig: External1
#Atten: 26 dB
Avg Type: RMS
Avg|Hold: 1/100
01:21:35 AM Apr 26, 2019
Ref Offset 18.01 dB
10 dB/div
Log
Ref 34.01 dBm
Mkr1 2.565 941 5 GHz
-33.866 dBm
Start 2.565000 GHz
#Res BW 1.0 MHz
#VBW 3.0 MHz*
Stop 2.568500 GHz
#Sweep 1.000 s (1001 pts)
Frequency
Auto Tune
Center Freq
2.566750000 GHz
Start Freq
2.565000000 GHz
Stop Freq
2.568500000 GHz
CF Step
350.000 kHz
Auto
Man
Freq Offset
0 Hz
MSG
STATUS

Agilent Spectrum Analyzer - Swept SA
Center Freq 2.570000000 GHz
Gate: LO
PNO: Fast
IFGain:Low
Trig: External1
#Atten: 26 dB
Avg Type: RMS
Avg|Hold: 7/100
01:22:30 AM Apr 26, 2019
Ref Offset 18.01 dB
10 dB/div
Log
Ref 34.01 dBm
Mkr1 2.569 995 GHz
-34.663 dBm
Start 2.569000 GHz
#Res BW 430 kHz
#VBW 1.3 MHz*
Stop 2.571000 GHz
#Sweep 1.000 s (1001 pts)
Frequency
Auto Tune
Center Freq
2.570000000 GHz
Start Freq
2.569000000 GHz
Stop Freq
2.571000000 GHz
CF Step
200.000 kHz
Auto
Man
Freq Offset
0 Hz
MSG
STATUS

5.1.1.2.2.2 Test Channel = HCH

5.1.1.2.2.2.1 PCC Test RB = 0 & SCC Test RB = 1 # max

Agilent Spectrum Analyzer - Swept SA
Center Freq 2.623250000 GHz
Gate: LO
PNO: Fast
IFGain:Low
Trig: External1
#Atten: 26 dB
Avg Type: RMS
Avg|Hold: 1/100
01:36:29 AM Apr 26, 2019
Ref Offset 18.02 dB
10 dB/div
Log
Ref 34.02 dBm
Mkr1 2.621 510 5 GHz
-32.884 dBm
Start 2.621500 GHz
#Res BW 1.0 MHz
#VBW 3.0 MHz*
Stop 2.625000 GHz
#Sweep 1.000 s (1001 pts)
Frequency
Auto Tune
Center Freq
2.623250000 GHz
Start Freq
2.621500000 GHz
Stop Freq
2.625000000 GHz
CF Step
350.000 kHz
Auto
Man
Freq Offset
0 Hz
MSG
STATUS

Agilent Spectrum Analyzer - Swept SA
Center Freq 2.635000000 GHz
Gate: LO
PNO: Fast
IFGain:Low
Trig: External1
#Atten: 26 dB
Avg Type: RMS
Avg|Hold: 1/100
01:36:41 AM Apr 26, 2019
Ref Offset 18.02 dB
10 dB/div
Log
Ref 34.02 dBm
Mkr1 2.625 00 GHz
-38.981 dBm
Start 2.62500 GHz
#Res BW 1.0 MHz
#VBW 3.0 MHz*
Stop 2.64500 GHz
#Sweep 1.000 s (1001 pts)
Frequency
Auto Tune
Center Freq
2.635000000 GHz
Start Freq
2.625000000 GHz
Stop Freq
2.645000000 GHz
CF Step
2.000000 MHz
Auto
Man
Freq Offset
0 Hz
MSG
STATUS

5.1.1.2.2.2.2 PCC Test RB = 0 & SCC Test RB = partial RBs #max

Agilent Spectrum Analyzer - Swept SA
Center Freq 2.623250000 GHz
Gate: LO
PNO: Fast
IFGain:Low
Trig: External1
#Atten: 26 dB
Avg Type: RMS
Avg|Hold: 1/100
01:39:17 AM Apr 26, 2019
Ref Offset 18.02 dB
10 dB/div
Log
Ref 34.02 dBm
Mkr1 2.621 524 5 GHz
-26.305 dBm
Start 2.621500 GHz
#Res BW 1.0 MHz
#VBW 3.0 MHz*
Stop 2.625000 GHz
#Sweep 1.000 s (1001 pts)
Frequency
Auto Tune
Center Freq
2.623250000 GHz
Start Freq
2.621500000 GHz
Stop Freq
2.625000000 GHz
CF Step
350.000 kHz
Auto
Man
Freq Offset
0 Hz
MSG
STATUS

Agilent Spectrum Analyzer - Swept SA
Center Freq 2.635000000 GHz
Gate: LO
PNO: Fast
IFGain:Low
Trig: External1
#Atten: 26 dB
Avg Type: RMS
Avg|Hold: 1/100
01:39:30 AM Apr 26, 2019
Ref Offset 18.02 dB
10 dB/div
Log
Ref 34.02 dBm
Mkr1 2.625 00 GHz
-40.003 dBm
Start 2.62500 GHz
#Res BW 1.0 MHz
#VBW 3.0 MHz*
Stop 2.64500 GHz
#Sweep 1.000 s (1001 pts)
Frequency
Auto Tune
Center Freq
2.635000000 GHz
Start Freq
2.625000000 GHz
Stop Freq
2.645000000 GHz
CF Step
2.000000 MHz
Auto
Man
Freq Offset
0 Hz
MSG
STATUS

5.1.1.2.2.3 PCC Test RB = 0 & SCC Test RB = full RBs

Agilent Spectrum Analyzer - Swept SA
Center Freq 2.623250000 GHz
Gate: LO
PNO: Fast
IFGain:Low
Trig: External1
#Atten: 26 dB
Avg Type: RMS
Avg|Hold: 1/100
01:42:05 AM Apr 26, 2019
Ref Offset 18.02 dB
10 dB/div
Log
Ref 34.02 dBm
Mkr1 2.621 538 5 GHz
-34.194 dBm
Start 2.621500 GHz
#Res BW 1.0 MHz
#VBW 3.0 MHz*
Stop 2.625000 GHz
#Sweep 1.000 s (1001 pts)
Frequency
Auto Tune
Center Freq
2.623250000 GHz
Start Freq
2.621500000 GHz
Stop Freq
2.625000000 GHz
CF Step
350.000 kHz
Auto
Man
Freq Offset
0 Hz
MSG
STATUS

Agilent Spectrum Analyzer - Swept SA
Center Freq 2.635000000 GHz
Gate: LO
PNO: Fast
IFGain:Low
Trig: External1
#Atten: 26 dB
Avg Type: RMS
Avg|Hold: 1/100
01:42:18 AM Apr 26, 2019
Ref Offset 18.02 dB
10 dB/div
Log
Ref 34.02 dBm
Mkr1 2.625 04 GHz
-35.165 dBm
Start 2.62500 GHz
#Res BW 1.0 MHz
#VBW 3.0 MHz*
Stop 2.64500 GHz
#Sweep 1.000 s (1001 pts)
Frequency
Auto Tune
Center Freq
2.635000000 GHz
Start Freq
2.625000000 GHz
Stop Freq
2.645000000 GHz
CF Step
2.000000 MHz
Auto
Man
Freq Offset
0 Hz
MSG
STATUS

5.1.1.2.2.2.4 PCC Test RB = full RBs & SCC Test RB = full RBs

Agilent Spectrum Analyzer - Swept SA
Center Freq 2.623250000 GHz
Gate: LO
PNO: Fast
IFGain:Low
Trig: External1
#Atten: 26 dB
Avg Type: RMS
Avg|Hold: 1/100
01:33:40 AM Apr 26, 2019
Ref Offset 18.02 dB
10 dB/div
Log
Ref 34.02 dBm
Mkr1 2.621 888 5 GHz
-34.916 dBm
Start 2.621500 GHz
#Res BW 1.0 MHz
#VBW 3.0 MHz*
Stop 2.625000 GHz
#Sweep 1.000 s (1001 pts)
Frequency
Auto Tune
Center Freq
2.623250000 GHz
Start Freq
2.621500000 GHz
Stop Freq
2.625000000 GHz
CF Step
350.000 kHz
Auto
Man
Freq Offset
0 Hz
MSG
STATUS

Agilent Spectrum Analyzer - Swept SA
RL
RF
50 Ω AC
SENSE:INT
ALIGN AUTO
01:33:53 AM Apr 26, 2019
Center Freq 2.635000000 GHz
Gate: LO
PNO: Fast
IFGain:Low
Trig: External1
#Atten: 26 dB
Avg Type: RMS
Avg|Hold: 1/100
TRACE 1 2 3 4 5
TYPE M
DET A A A A A
Ref Offset 18.02 dB
10 dB/div
Log
Ref 34.02 dBm
Mkr1 2.625 62 GHz
-35.272 dBm
24.0
14.0
4.02
-5.98
-15.0
-25.0
-35.0
-45.0
-55.0
1
Start 2.62500 GHz
#Res BW 1.0 MHz
#VBW 3.0 MHz*
Stop 2.64500 GHz
#Sweep 1.000 s (1001 pts)
MSG
STATUS
Frequency
Auto Tune
Center Freq
2.635000000 GHz
Start Freq
2.625000000 GHz
Stop Freq
2.645000000 GHz
CF Step
2.000000 MHz
Auto
Man
Freq Offset
0 Hz

6Appendix_F: Spurious Emission at Antenna Terminal

NOTE: For the averaged unwanted emissions measurements, the measurement points in each sweep is greater than twice the Span/RBW in order to ensure bin-to-bin spacing of < RBW/2 so that narrowband signals are not lost between frequency bins. As to the present test item, the "Measurement Points = k * (Span / RBW)" with k between 4 and 5, which results in an acceptable level error of less than 0.5 dB.

Part I - Test Plots

6.1 For LTE

6.1.1 Test Band = CA_38C

6.1.1.1 Test Mode = LTE/TM1

6.1.1.1.1 Test Bandwidth = 15+15

6.1.1.1.1.1 Test Channel = LCH

6.1.1.1.1.1.1 PCC Test RB = 1 # 0 & SCC Test RB = 0

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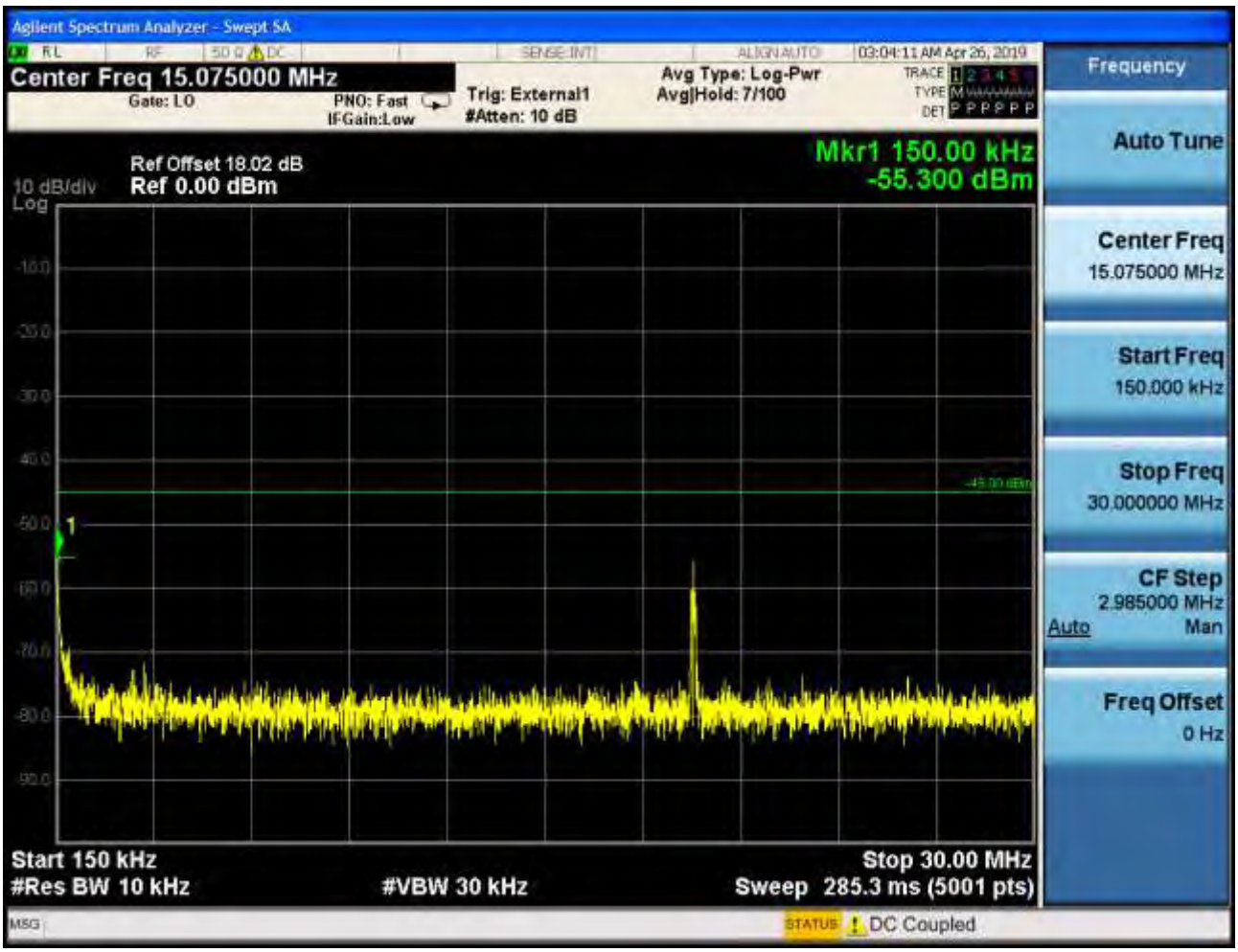
Agilent Spectrum Analyzer - Swept SA
Center Freq 79.500 kHz
Gate: LO
PNO: Wide
IFGain:Low
Trig: Free Run
#Atten: 0 dB
Avg Type: Log-Pwr
Avg|Hold: 3/100
03:06:54 PM Apr 26, 2019
Ref Offset 18.02 dB
10 dB/div
Log
Ref 0.00 dBm
Mkr1 10.410 kHz
-63.766 dBm
Start 9.00 kHz
#Res BW 1.0 kHz
#VBW 3.0 kHz
Stop 150.00 kHz
Sweep 673.8 ms (1001 pts)
DC Coupled
Frequency
Auto Tune
Center Freq
79.500 kHz
Start Freq
9.000 kHz
Stop Freq
150.000 kHz
CF Step
14.100 kHz
Auto
Man
Freq Offset
0 Hz

Agilent Spectrum Analyzer - Swept SA
Center Freq 15.075000 MHz
Gate: LO
PNO: Fast
IFGain:Low
Trig: External1
#Atten: 10 dB
Avg Type: Log-Pwr
Avg|Hold: 7/100
02:59:33 AM Apr 26, 2019
Ref Offset 18.02 dB
10 dB/div
Log
Ref 0.00 dBm
Mkr1 9.582 60 MHz
-55.276 dBm
Start 150 kHz
#Res BW 10 kHz
#VBW 30 kHz
Stop 30.00 MHz
Sweep 285.3 ms (5001 pts)
DC Coupled
Frequency
Auto Tune
Center Freq
15.075000 MHz
Start Freq
150.000 kHz
Stop Freq
30.000000 MHz
CF Step
2.985000 MHz
Auto
Man
Freq Offset
0 Hz

Agilent Spectrum Analyzer - Swept SA
Center Freq 13.515000000 GHz
Gate: LO
PNO: Fast
IFGain:Low
Trig: External1
#Atten: 20 dB
Avg Type: Log-Pwr
Avg|Hold: 5/100
02:59:59 AM Apr 26, 2019
Ref Offset 18.02 dB
10 dB/div
Log
Ref 25.00 dBm
Mkr1 25.451 9 GHz
-29.398 dBm
Start 30 MHz
#Res BW 1.0 MHz
#VBW 3.0 MHz
Stop 27.00 GHz
Sweep 541.3 ms (40001 pts)
Frequency
Auto Tune
Center Freq
13.515000000 GHz
Start Freq
30.000000 MHz
Stop Freq
27.000000000 GHz
CF Step
2.697000000 GHz
Auto
Man
Freq Offset
0 Hz
MSG
STATUS

6.1.1.1.1.2 Test Channel = MCH

6.1.1.1.1.2.1 PCC Test RB = 1 # 0 & SCC Test RB = 0


Agilent Spectrum Analyzer - Swept SA
Center Freq 15.075000 MHz
Gate: LO
PNO: Fast
IFGain:Low
Trig: External1
#Atten: 10 dB
Avg Type: Log-Pwr
Avg|Hold: 7/100
03:04:11 AM Apr 26, 2019
Ref Offset 18.02 dB
10 dB/div
Log
Ref 0.00 dBm
Mkr1 150.00 kHz
-55.300 dBm
Start 150 kHz
#Res BW 10 kHz
#VBW 30 kHz
Stop 30.00 MHz
Sweep 285.3 ms (5001 pts)
DC Coupled
Frequency
Auto Tune
Center Freq
15.075000 MHz
Start Freq
150.000 kHz
Stop Freq
30.000000 MHz
CF Step
2.985000 MHz
Auto
Man
Freq Offset
0 Hz

Agilent Spectrum Analyzer - Swept SA
Center Freq 13.515000000 GHz
Gate: LO
PNO: Fast
IFGain:Low
Trig: External1
#Atten: 20 dB
Avg Type: Log-Pwr
Avg|Hold: 6/100
03:04:38 AM Apr 26, 2019
Ref Offset 18.02 dB
10 dB/div
Log
Ref 25.00 dBm
Mkr1 25.445 9 GHz
-29.525 dBm
Start 30 MHz
#Res BW 1.0 MHz
#VBW 3.0 MHz
Stop 27.00 GHz
Sweep 541.3 ms (40001 pts)
Frequency
Auto Tune
Center Freq
13.515000000 GHz
Start Freq
30.000000 MHz
Stop Freq
27.000000000 GHz
CF Step
2.697000000 GHz
Auto
Man
Freq Offset
0 Hz
MSG
STATUS