

**ELECTROMAGNETIC EMISSIONS
COMPLIANCE REPORT**

EUT Description: Mini

Applicant: Quanta Computer Inc.
No. 188, Wenhua 2nd Road, Guishan District, Taoyuan City
33377, Taiwan

Manufacturer: Quanta Computer Inc.
No. 188, Wenhua 2nd Road, Guishan District, Taoyuan City
33377, Taiwan

Brand Name: Clover

Model No. C306

Report Number: TERF2606002119E2

FCC ID HFS-C306

Date of EUT Received: June 17, 2026

Date of Test: N/A, the test results are fully leveraged from test report number
TERF2608002770E2, for more details please refer to section 2
in this report.

Issue Date: August 31, 2026

Approved By _____

Aken Huang

Aken Huang

We hereby certify that:

The above equipment was tested by SGS Taiwan Ltd. Central RF Lab The test data, data evaluation, test procedures, And equipment configurations shown In this report were made In accordance With the procedures given In ANSI C63.26:2015 And the energy emitted by the sample EUT comply With FCC Part2, 22H, 24E, 27C.
The results of this report relate only to the sample identified in this report.

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Revision History

Report Number	Revision	Description	Issue Date	Revised By	Remark
TERF2606002119E2	00	Original	August 10, 2026	Karen Huang	
TERF2606002119E2	00	Add section 7.8	August 31, 2026	Karen Huang	*

Note:

- 1、The remark "*" indicates modification of the report upon requests from certification body.

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1 GENERAL PRODUCT INFORMATION

1.1 Equipment Under Test (EUT)

EUT Description	Mini
Brand Name	Clover
Model No.	C306
Power Supply	12 Vdc
Test Software (Name/Version)	default(Call Radio Communication Analyzer)

1.2 Antenna Designation

Antenna Type	Part No.	Antenna No.
Monopole	DQ60ALF0016	Ant 0
Note: Transmission frequencies in this test report are only available by the above antenna(s).		

LTE Band	Frequency Range (MHz)	Ant0 Antenna Gain (dBi)
LTE Band 2	1850~1910	2.33
LTE Band 4	1710~1755	5.39
LTE Band 5	824~849	3.14
LTE Band 12	699~716	3.67
LTE Band 13	777~787	4.15
LTE Band 17	704~716	4.01
LTE Band 66	1710~1780	5.18
LTE Band 71	663~698	3.54

Note: The antenna information is provided by the applicant, and the laboratory shall not be held liable for the accuracy, completeness, or reliability of any applicant-supplied data.

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1.3 Operating Frequencies

Part22

Band	Bandwidth(MHz)	Low Frequency (MHz)	Upper Frequency (MHz)
LTE BAND 5	1.4	824.70	848.30
	3.0	825.50	847.50
	5.0	826.50	846.50
	10.0	829.00	844.00

Part24

Band	Bandwidth(MHz)	Low Frequency (MHz)	Upper Frequency (MHz)
LTE BAND 2	1.4	1850.70	1909.30
	3.0	1851.50	1908.50
	5.0	1852.50	1907.50
	10.0	1855.00	1905.00
	15.0	1857.50	1902.50
	20.0	1860.00	1900.00

Part27

Band	Bandwidth(MHz)	Low Frequency (MHz)	Upper Frequency (MHz)
LTE BAND 4	1.4	1710.70	1754.30
	3.0	1711.50	1753.50
	5.0	1712.50	1752.50
	10.0	1715.00	1750.00
	15.0	1717.50	1747.50
	20.0	1720.00	1745.00
Band	Bandwidth(MHz)	Low Frequency (MHz)	Upper Frequency (MHz)
LTE BAND 12	1.4	699.70	715.30
	3.0	700.50	714.50
	5.0	701.50	713.50
	10.0	704.00	711.00
Band	Bandwidth(MHz)	Low Frequency (MHz)	Upper Frequency (MHz)
LTE BAND 13	5.0	779.50	784.50
	10.0	782.00	782.00

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Band	Bandwidth(MHz)	Low Frequency (MHz)	Upper Frequency (MHz)
LTE BAND 17	5.0	706.50	713.50
	10.0	709.00	711.00
Band	Bandwidth(MHz)	Low Frequency (MHz)	Upper Frequency (MHz)
LTE BAND 66	1.4	1710.70	1779.30
	3.0	1711.50	1778.50
	5.0	1712.50	1777.50
	10.0	1715.00	1775.00
	15.0	1717.50	1772.50
	20.0	1720.00	1770.00
Band	Bandwidth(MHz)	Low Frequency (MHz)	Upper Frequency (MHz)
LTE BAND 71	5.0	665.50	695.50
	10.0	668.00	693.00
	15.0	670.50	690.50
	20.0	673.00	688.00

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1.4 Type of Emission & Max ERP/EIRP Power Measurement Result

Part22

Band	Technology (GSM, CDMA, etc...)	Frequency		Conducted Power (dBm)	Conducted Power (W)	ERP/EIRP (dBm)	ERP/EIRP (W)	Frequency Tolerance		Emission Designator (See 47 CFR 2.201 and 2.202)	BW(kHz)	Optional
		Min (MHz)	Max (MHz)					Value	%, Hz, ppm			
LTE B5	QPSK	829.0	844.0	22.83	0.192	23.82	0.241	0.0227	ppm	8M96G7D	8963.5	Part22
LTE B5	QPSK	824.7	848.3	22.85	0.193	23.84	0.242	0.0227	ppm	1M09G7D	1089.3	Part22
LTE B5	16QAM	829.0	844.0	21.79	0.151	22.78	0.190	0.0227	ppm	8M96D7W	8964.8	Part22

Part24

Band	Technology (GSM, CDMA, etc...)	Frequency		Conducted Power (dBm)	Conducted Power (W)	ERP/EIRP (dBm)	ERP/EIRP (W)	Frequency Tolerance		Emission Designator (See 47 CFR 2.201 and 2.202)	BW(kHz)	Optional
		Min (MHz)	Max (MHz)					Value	%, Hz, ppm			
LTE B2	QPSK	1860.0	1900.0	22.59	0.182	24.92	0.310	0.0097	ppm	17M9G7D	17882	Part24
LTE B2	16QAM	1860.0	1900.0	21.29	0.135	23.62	0.230	0.0097	ppm	17M9D7W	17903	Part24
LTE B2	16QAM	1855.0	1905.0	21.55	0.143	23.88	0.244	0.0097	ppm	8M97D7W	8969.0	Part24

Part27

Band	Technology (GSM, CDMA, etc...)	Frequency		Conducted Power (dBm)	Conducted Power (W)	ERP/EIRP (dBm)	ERP/EIRP (W)	Frequency Tolerance		Emission Designator (See 47 CFR 2.201 and 2.202)	BW(kHz)	Optional
		Min (MHz)	Max (MHz)					Value	%, Hz, ppm			
LTE B4	QPSK	1720.0	1745.0	22.92	0.196	28.31	0.678	0.0106	ppm	17M9G7D	17911	Part27
LTE B4	16QAM	1720.0	1745.0	21.45	0.140	26.84	0.483	0.0106	ppm	17M9D7W	17930	Part27
LTE B4	16QAM	1712.5	1752.5	21.89	0.155	27.28	0.535	0.0106	ppm	4M94D7W	4493.8	Part27
LTE B12	QPSK	704.0	711.0	23.29	0.213	24.81	0.303	0.0280	ppm	8M99G7D	8985.5	Part27
LTE B12	16QAM	704.0	711.0	22.12	0.163	23.64	0.231	0.0280	ppm	8M97D7W	8969.5	Part27
LTE B12	16QAM	699.7	715.3	22.19	0.166	23.71	0.235	0.0280	ppm	1M09D7W	1089.3	Part27
LTE B13	QPSK	782.0	782.0	22.62	0.183	24.62	0.290	0.0231	ppm	8M95G7D	8953.6	Part27
LTE B13	QPSK	779.5	784.5	22.83	0.192	24.83	0.304	0.0231	ppm	4M94G7D	4490.8	Part27
LTE B13	16QAM	782.0	782.0	20.93	0.124	22.93	0.196	0.0231	ppm	8M94D7W	8938.0	Part27
LTE B13	16QAM	779.5	784.5	21.18	0.131	23.18	0.208	0.0231	ppm	4M94D7W	4490.9	Part27
LTE B17	QPSK	709.0	711.0	23.13	0.206	24.99	0.316	0.0265	ppm	8M98G7D	8980.7	Part27
LTE B17	16QAM	709.0	711.0	22.04	0.160	23.90	0.245	0.0265	ppm	8M97D7W	8967.5	Part27
LTE B66	QPSK	1720.0	1770.0	22.11	0.163	27.29	0.536	0.0115	ppm	17M9G7D	17880	Part27
LTE B66	QPSK	1715.0	1775.0	22.43	0.175	27.61	0.577	0.0115	ppm	8M99G7D	8990.1	Part27
LTE B66	16QAM	1720.0	1770.0	21.06	0.128	26.24	0.421	0.0115	ppm	17M9D7W	17908	Part27
LTE B66	16QAM	1710.7	1779.3	21.42	0.139	26.60	0.457	0.0115	ppm	1M09D7W	1091.0	Part27
LTE B71	QPSK	673.0	688.0	22.61	0.182	24.00	0.251	0.0294	ppm	17M8G7D	17840	Part27
LTE B71	QPSK	665.5	695.5	22.86	0.193	24.25	0.266	0.0294	ppm	4M94G7D	4490.3	Part27
LTE B71	16QAM	673.0	688.0	21.33	0.136	22.72	0.187	0.0294	ppm	17M9D7W	17864	Part27
LTE B71	16QAM	670.5	690.5	21.70	0.148	23.09	0.204	0.0294	ppm	13M4D7W	13440	Part27

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1.5 Final Amplifier Voltage and Current Information

Part22

LTE Band 5		
Test mode	DC voltage (V)	DC current (mA)
LTE Band 5_10M QPSK	12	460

Part24

LTE Band 2		
Test mode	DC voltage (V)	DC current (mA)
LTE Band 2_20M QPSK	12	510

Part27

LTE Band 4		
Test mode	DC voltage (V)	DC current (mA)
LTE Band 4_20M QPSK	12	490
LTE Band 12		
Test mode	DC voltage (V)	DC current (mA)
LTE Band 12_10M QPSK	12	470
LTE Band 13		
Test mode	DC voltage (V)	DC current (mA)
LTE Band 13_10M QPSK	12	480
LTE Band 17		
Test mode	DC voltage (V)	DC current (mA)
LTE Band 17_10M QPSK	12	470
LTE Band 66		
Test mode	DC voltage (V)	DC current (mA)
LTE Band 66_20M QPSK	12	490
LTE Band 71		
Test mode	DC voltage (V)	DC current (mA)
LTE Band 71_20M QPSK	12	480

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1.6 EUT Availability and The Worst Test Modes

1. Pre-Scan has been conducted to determine the worst-case scenario from all possible combinations among available modulations, data rates and antenna ports, the worst case configurations listed below for the final test.
2. The field strength of radiated emission was measured as the EUT positioned in different orthogonal planes (E1/E2/H) based on actual usage of the EUT to pre-scan the emissions for determining the worst case scenario.

Part22

LTE Band 5							
Test Item	Available Channel	Tested Channel	BW(MHz)	Modulation	RB Size 1RB	RB Size Half RB	RB Size Full RB
Max. OutPut Pow er	20407 to 20643	20407, 20525, 20643	1.4	QPSK, 16QAM, 64QAM	V	V	V
	20415 to 20635	20415, 20525, 20635	3		V	V	V
	20425 to 20625	20425, 20525, 20625	5		V	V	V
	20450 to 20600	20450, 20525, 20600	10		V	V	V
Frequency Stability	20450 to 20600	20525	10	QPSK	-	-	V
26dB and 99% Bandw idth	20407 to 20643	20407, 20525, 20643	1.4	QPSK, 16QAM, 64QAM	-	-	V
	20415 to 20635	20415, 20525, 20635	3		-	-	V
	20425 to 20625	20425, 20525, 20625	5		-	-	V
	20450 to 20600	20450, 20525, 20600	10		-	-	V
Peak-to-Average Ratio	20407 to 20643	20407, 20525, 20643	1.4	64QAM	-	-	V
	20415 to 20635	20415, 20525, 20635	3		-	-	V
	20425 to 20625	20425, 20525, 20625	5		-	-	V
	20450 to 20600	20450, 20525, 20600	10		-	-	V
Out of Band Emissions at Antenna Terminals	20407 to 20643	20407, 20643	1.4	QPSK	V	-	V
	20415 to 20635	20415, 20635	3		V	-	V
	20425 to 20625	20425, 20625	5		V	-	V
	20450 to 20600	20450, 20600	10		V	-	V
Conducted Spurious Emission	20407 to 20643	20407, 20525, 20643	1.4	QPSK	V	-	-

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Part24

LTE Band 2

Test Item	Available Channel	Tested Channel	BW(MHz)	Modulation	RB Size 1RB	RB Size Half RB	RB Size Full RB
Max. OutPut Pow er	18607 to 19193	18607, 18900, 19193	1.4	QPSK, 16QAM, 64QAM	V	V	V
	18615 to 19185	18615, 18900, 19185	3		V	V	V
	18625 to 19175	18625, 18900, 19175	5		V	V	V
	18650 to 19150	18650, 18900, 19150	10		V	V	V
	18675 to 19125	18675, 18900, 19125	15		V	V	V
	18700 to 19100	18700, 18900, 19100	20		V	V	V
Frequency Stability	18650 to 19150	18900	10	QPSK	-	-	V
26dB and 99% Bandw idth	18607 to 19193	18607, 18900, 19193	1.4	QPSK, 16QAM, 64QAM	-	-	V
	18615 to 19185	18615, 18900, 19185	3		-	-	V
	18625 to 19175	18625, 18900, 19175	5		-	-	V
	18650 to 19150	18650, 18900, 19150	10		-	-	V
	18675 to 19125	18675, 18900, 19125	15		-	-	V
	18700 to 19100	18700, 18900, 19100	20		-	-	V
Peak-to-Average Ratio	18607 to 19193	18607, 18900, 19193	1.4	64QAM	-	-	V
	18615 to 19185	18615, 18900, 19185	3		-	-	V
	18625 to 19175	18625, 18900, 19175	5		-	-	V
	18650 to 19150	18650, 18900, 19150	10		-	-	V
	18675 to 19125	18675, 18900, 19125	15		-	-	V
	18700 to 19100	18700, 18900, 19100	20		-	-	V
Out of Band Emissions at Antenna Terminals	18607 to 19193	18607, 19193	1.4	QPSK	V	-	V
	18615 to 19185	18615, 19185	3		V	-	V
	18625 to 19175	18625, 19175	5		V	-	V
	18650 to 19150	18650, 19150	10		V	-	V
	18675 to 19125	18675, 19125	15		V	-	V
	18700 to 19100	18700, 19100	20		V	-	V
Conducted Spurious Emission	18700 to 19100	18700, 18900, 19100	20	QPSK	V	-	-

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Part27

LTE Band 4							
Test Item	Available Channel	Tested Channel	BW(MHz)	Modulation	RB Size 1RB	RB Size Half RB	RB Size Full RB
Max. OutPut Power	19957 to 20393	19957, 20175, 20393	1.4	QPSK, 16QAM, 64QAM	V	V	V
	19965 to 20385	19965, 20175, 20385	3		V	V	V
	19975 to 20375	19975, 20175, 20375	5		V	V	V
	20000 to 20350	20000, 20175, 20350	10		V	V	V
	20025 to 20325	20025, 20175, 20325	15		V	V	V
	20050 to 20300	20050, 20175, 20300	20		V	V	V
Frequency Stability	20000 to 20350	20175	10	QPSK	-	-	V
26dB and 99% Bandwidth	19957 to 20393	19957, 20175, 20393	1.4	QPSK, 16QAM, 64QAM	-	-	V
	19965 to 20385	19965, 20175, 20385	3		-	-	V
	19975 to 20375	19975, 20175, 20375	5		-	-	V
	20000 to 20350	20000, 20175, 20350	10		-	-	V
	20025 to 20325	20025, 20175, 20325	15		-	-	V
	20050 to 20300	20050, 20175, 20300	20		-	-	V
Peak-to-Average Ratio	19957 to 20393	19957, 20175, 20393	1.4	64QAM	-	-	V
	19965 to 20385	19965, 20175, 20385	3		-	-	V
	19975 to 20375	19975, 20175, 20375	5		-	-	V
	20000 to 20350	20000, 20175, 20350	10		-	-	V
	20025 to 20325	20025, 20175, 20325	15		-	-	V
	20050 to 20300	20050, 20175, 20300	20		-	-	V
Out of Band Emissions at Antenna Terminals	19957 to 20393	19957, 20393	1.4	QPSK	V	-	V
	19965 to 20385	19965, 20385	3		V	-	V
	19975 to 20375	19975, 20375	5		V	-	V
	20000 to 20350	20000, 20350	10		V	-	V
	20025 to 20325	20025, 20325	15		V	-	V
	20050 to 20300	20050, 20300	20		V	-	V
Conducted Spurious Emission	20050 to 20300	20050, 20175, 20300	20	QPSK	V	-	-
LTE Band 12							
Test Item	Available Channel	Tested Channel	BW(MHz)	Modulation	RB Size 1RB	RB Size Half RB	RB Size Full RB
Max. OutPut Power	23017 to 23173	23017, 23095, 23173	1.4	QPSK, 16QAM, 64QAM	V	V	V
	23025 to 23165	23025, 23095, 23165	3		V	V	V
	23035 to 23155	23035, 23095, 23155	5		V	V	V
	23060 to 23130	23060, 23095, 23130	10		V	V	V
Frequency Stability	23060 to 23130	23095	10	QPSK	-	-	V
26dB and 99% Bandwidth	23017 to 23173	23017, 23095, 23173	1.4	QPSK, 16QAM, 64QAM	-	-	V
	23025 to 23165	23025, 23095, 23165	3		-	-	V
	23035 to 23155	23035, 23095, 23155	5		-	-	V
	23060 to 23130	23060, 23095, 23130	10		-	-	V
Peak-to-Average Ratio	23017 to 23173	23017, 23095, 23173	1.4	64QAM	-	-	V
	23025 to 23165	23025, 23095, 23165	3		-	-	V
	23035 to 23155	23035, 23095, 23155	5		-	-	V
	23060 to 23130	23060, 23095, 23130	10		-	-	V
Out of Band Emissions at Antenna Terminals	23017 to 23173	23017, 23173	1.4	QPSK	V	-	V
	23025 to 23165	23025, 23165	3		V	-	V
	23035 to 23155	23035, 23155	5		V	-	V
	23060 to 23130	23060, 23130	10		V	-	V
Conducted Spurious Emission	23060 to 23130	23060, 23095, 23130	10	QPSK	V	-	-

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LTE Band 13

Test Item	Available Channel	Tested Channel	BW(MHz)	Modulation	RB Size 1RB	RB Size Half RB	RB Size Full RB
Max. OutPut Power	23205 to 23255	23205, 23230, 23255	5	QPSK, 16QAM, 64Q	V	V	V
	23230	23230	10	AM	V	V	V
Frequency Stability	23230	23230	10	QPSK	-	-	V
26dB and 99% Bandwidth	23205 to 23255	23205, 23230, 23255	5	QPSK, 16QAM, 64Q	-	-	V
	23230	23230	10	AM	-	-	V
Peak-to-Average Ratio	23205 to 23255	23205, 23230, 23255	5	64QAM	-	-	V
	23230	23230	10		-	-	V
Out of Band Emissions at Antenna Terminals	23205 to 23255	23205, 23255	5	QPSK	V	-	V
	23230	23230	10		V	-	V
Conducted Spurious Emission	23205 to 23255	23205, 23230, 23255	5	QPSK	V	-	-

LTE Band 17

Test Item	Available Channel	Tested Channel	BW(MHz)	Modulation	RB Size 1RB	RB Size Half RB	RB Size Full RB
Max. OutPut Power	23755 to 23825	23755, 23790, 23825	5	QPSK, 16QAM, 64Q	V	V	V
	23780 to 23800	23780, 23790, 23800	10	AM	V	V	V
Frequency Stability	23780 to 23800	23790	10	QPSK	-	-	V
26dB and 99% Bandwidth	23755 to 23825	23755, 23790, 23825	5	QPSK, 16QAM, 64Q	-	-	V
	23780 to 23800	23780, 23790, 23800	10	AM	-	-	V
Peak-to-Average Ratio	23755 to 23825	23755, 23790, 23825	5	64QAM	-	-	V
	23780 to 23800	23780, 23790, 23800	10		-	-	V
Out of Band Emissions at Antenna Terminals	23755 to 23825	23755, 23825	5	QPSK	V	-	V
	23780 to 23800	23780, 23800	10		V	-	V
Conducted Spurious Emission	23780 to 23800	23780, 23790, 23800	10	QPSK	V	-	-

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LTE Band 66							
Test Item	Available Channel	Tested Channel	BW(MHz)	Modulation	RB Size 1RB	RB Size Half RB	RB Size Full RB
Max. OutPut Pow er	131979 to 132665	131979, 132322, 132665	1.4	QPSK, 16QAM, 64QAM	V	V	V
	131987 to 132657	131987, 132322, 132657	3		V	V	V
	131997 to 132647	131997, 132322, 132647	5		V	V	V
	132022 to 132622	132022, 132322, 132622	10		V	V	V
	132047 to 132597	132047, 132322, 132597	15		V	V	V
	132072 to 132572	132072, 132322, 132572	20		V	V	V
Frequency Stability	132022 to 132622	132322	10	QPSK	-	-	V
26dB and 99% Bandw idth	131979 to 132665	131979, 132322, 132665	1.4	QPSK, 16QAM, 64QAM	-	-	V
	131987 to 132657	131987, 132322, 132657	3		-	-	V
	131997 to 132647	131997, 132322, 132647	5		-	-	V
	132022 to 132622	132022, 132322, 132622	10		-	-	V
	132047 to 132597	132047, 132322, 132597	15		-	-	V
	132072 to 132572	132072, 132322, 132572	20		-	-	V
Peak-to-Average Ratio	131979 to 132665	131979, 132322, 132665	1.4	64QAM	-	-	V
	131987 to 132657	131987, 132322, 132657	3		-	-	V
	131997 to 132647	131997, 132322, 132647	5		-	-	V
	132022 to 132622	132022, 132322, 132622	10		-	-	V
	132047 to 132597	132047, 132322, 132597	15		-	-	V
	132072 to 132572	132072, 132322, 132572	20		-	-	V
Out of Band Emissions at Antenna Terminals	131979 to 132665	131979, 132665	1.4	QPSK	V	-	V
	131987 to 132657	131987, 132657	3		V	-	V
	131997 to 132647	131997, 132647	5		V	-	V
	132022 to 132622	132022, 132622	10		V	-	V
	132047 to 132597	132047, 132597	15		V	-	V
	132072 to 132572	132072, 132572	20		V	-	V
Conducted Spurious Emission	132022 to 132622	132022, 132322, 132622	10	QPSK	V	-	-

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LTE Band 71							
Test Item	Available Channel	Tested Channel	BW(MHz)	Modulation	RB Size 1RB	RB Size Half RB	RB Size Full RB
Max. OutPut Power	133147 to 133447	133147, 133297, 133447	5	QPSK, 16QAM, 64QAM	V	V	V
	133172 to 133422	133172, 133297, 133422	10		V	V	V
	133197 to 133397	133197, 133297, 133397	15		V	V	V
	133222 to 133372	133222, 133297, 133372	20		V	V	V
Frequency Stability	133172 to 133422	133297	10	QPSK	-	-	V
26dB and 99% Bandwidth	133147 to 133447	133147, 133297, 133447	5	QPSK, 16QAM, 64QAM	-	-	V
	133172 to 133422	133172, 133297, 133422	10		-	-	V
	133197 to 133397	133197, 133297, 133397	15		-	-	V
	133222 to 133372	133222, 133297, 133372	20		-	-	V
Peak-to-Average Ratio	133147 to 133447	133147, 133297, 133447	5	64QAM	-	-	V
	133172 to 133422	133172, 133297, 133422	10		-	-	V
	133197 to 133397	133197, 133297, 133397	15		-	-	V
	133222 to 133372	133222, 133297, 133372	20		-	-	V
Out of Band Emissions at Antenna Terminals	133147 to 133447	133147, 133447	5	QPSK	V	-	V
	133172 to 133422	133172, 133422	10		V	-	V
	133197 to 133397	133197, 133397	15		V	-	V
	133222 to 133372	133222, 133372	20		V	-	V
Conducted Spurious Emission	133147 to 133447	133147, 133297, 133447	5	QPSK	V	-	-

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2 SUMMARY OF TEST RESULTS

FCC Rules	Description Of Test	Result	Note
§2.1046(a)	RF Power Output	Compliant	
§22.913(a)(5) §24.232(c) §27.50(b)(10) §27.50(c)(10) §27.50(d)(4)	ERP/ EIRP measurement	Compliant	
§2.1049(h)	99% & 26dB Occupied Bandwidth	Compliant	
§22.917(a) §24.238(a) §27.53(c)(2) §27.53(g) §27.53(h)(1)	Out of Band Emissions at Antenna Terminals and Band Edge / Emission mask requirements	Compliant	
§22.917(a) §24.238(a) §27.53(c)(2) §27.53(g) §27.53(h)(1)	Field Strength of Spurious Radiation	Compliant	
§22.913(d) §24.232(d) §27.50 (k)(4) §27.50(a)(1)(B) §27.50(d)(5) §27.50(j)(4)	Peak to Average Ratio	Compliant	
§2.1055(a)(1) §22.355 §24.235 §27.54	Frequency Stability	Compliant	

Note

1. N/S Indicates whether item(s) being newly tested [N] or spot checked [S].
2. Items other than newly tested [N] are leveraged from test report TERF2608002770E2.

2.1 Test Methodology of Applied Standards

1. FCC 47 CFR Part 2, 22H
2. FCC 47 CFR Part 2, 24E
3. FCC 47 CFR Part 2, 27C
4. ANSI C63.26:2015
5. FCC KDB 971168 D01 Power Meas License Digital System v03r01
6. FCC KDB 412172 D01 Determining ERP and EIRP v01r01

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2.2 Measurement Uncertainty

Test Items	Uncertainty
Power Density	+/- 0.61 dB
Output Power measurement	+/- 0.97 dB
ERP/ EIRP measurement	+/- 2.15 dB
Emission Bandwidth	+/- 1.38 Hz
Out of Band Emissions at Antenna Terminals and Band Edge	+/- 0.77 dB
Peak to Average Ratio	+/- 0.97 dB
Frequency Stability vs. Temperature	+/- 1.48 Hz
Frequency Stability vs. Voltage	+/- 1.48 Hz
Temperature	+/- 0.60 °C
Humidity	+/- 3.00 %
DC / AC Power Source	+/- 1.00 %

Radiated Spurious Emission Measurement Uncertainty		
Polarization: Vertical	+/- 1.89 dB	9kHz - 30MHz
	+/- 4.10 dB	30MHz - 1000MHz
	+/- 3.41 dB	1GHz - 18GHz
	+/- 3.89 dB	18GHz - 40GHz
Polarization: Horizontal	+/- 1.89 dB	9kHz - 30MHz
	+/- 4.10 dB	30MHz - 1000MHz
	+/- 3.41 dB	1GHz - 18GHz
	+/- 3.89 dB	18GHz - 40GHz
Radiated Spurious Emission	+/- 2.00 dB	33GHz - 50GHz
	+/- 1.59 dB	50GHz - 60GHz
	+/- 1.71 dB	60GHz - 90GHz
	+/- 1.64 dB	90GHz - 140GHz
	+/- 3.84 dB	140GHz - 220GHz

Note

1. This uncertainty represents an expanded uncertainty expressed at approximately the 95% confidence level using a coverage factor of k=2.
2. The conformity assessment statement in this report is based solely on the test results, measurement uncertainty is excluded.

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2.3 Test Facility

Laboratory	Test Site Address	Test Site Name	FCC Designation number / Registration Number	IC CAB identifier / Company Number
SGS Taiwan Ltd. Central RF Lab. (TAF code 3702)	No.134, Wu Kung Road, New Taipei Industrial Park, Wuku District, New Taipei City, Taiwan 24803	SAC 1 / SAC 2 / SAC 3 Conduction 1 / Conducted 1 Conducted 2 / Conducted 3 Conducted 4 / Conducted 5 Conducted 6 / FAC 1	TW0027 / 891563	TW3702 / 4620A
SGS Taiwan Ltd. Central RF Lab. (TAF code 3702)	No.2, Keji 1st Rd, Guishan District, Taoyuan City, Taiwan 333	SAC C / SAC D / SAC G Conduction C/ Conducted A Conducted B / Conducted C Conducted D / Conducted E Conducted F / Conducted G FAC A	TW0028 / 200037	TW3702 / 4620E

Measurement	Test Site Name	Test Engineer	EUT S/N	Test Environment	Test Date
Conducted	Conducted E	henry chiang	C036UG62040028	23.5~23.4°C / 61~65%	2026/07/15 ~ 2026/07/24
Radiated	SAC C	Alex Li	C036UG62060091	26°C / 54%	2026/07/28 ~ 2026/07/30

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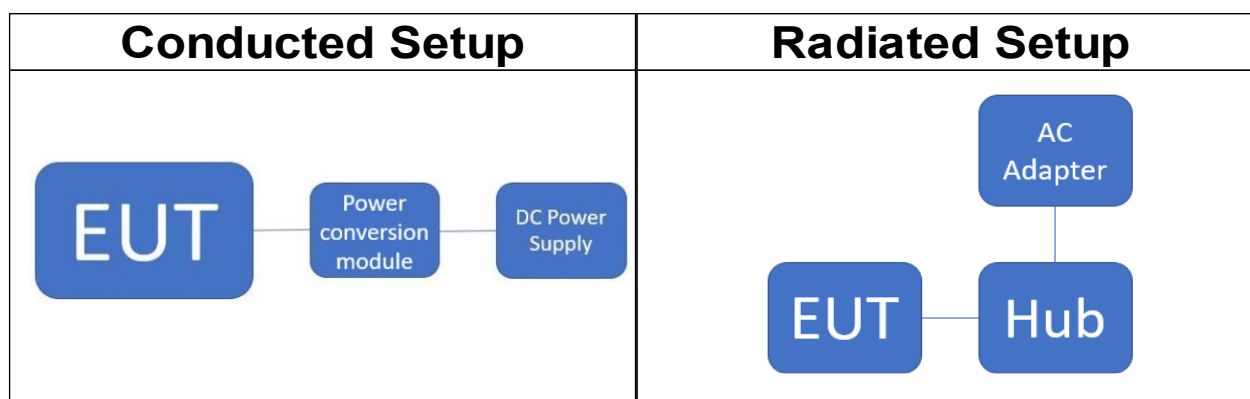
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3 CONTROL UNIT(S) AND PERIPHERAL(S)

3.1 EUT Exercise

1. The EUT (Transmitter) was operated in the continuous transmission mode employed with the simulator of the Base Station that fixates at test default channels to fix the Tx frequency which was for the purpose of the measurements.
2. The offset level is set in the spectrum analyzer to compensate the RF cable loss and attenuation factor between EUT conducted port and spectrum analyzer. With the offset compensation, the spectrum analyzer reading level is exactly EUT RF output level. The spectrum analyzer offset is derived from RF cable loss and attenuator factor.

3.2 Diagrams



3.3 List

3.3.1 Conducted Setup

Conducted Emission Test Site: Conducted E					
EQUIPMENT TYPE	MFR	MODEL NUMBER	SERIAL NUMBER	LAST CAL. (mm/dd/yyyy)	CAL DUE. (mm/dd/yyyy)
Power Conversion Module	Clover (Clover Network, LLC)	H306	H036WG54640057	N/A	N/A

3.3.2 Radiated Setup

Radiated Emission Test Site: SAC C					
EQUIPMENT TYPE	MFR	MODEL NUMBER	SERIAL NUMBER	LAST CAL. (mm/dd/yyyy)	CAL DUE. (mm/dd/yyyy)
AC Adapter	MASS POWER	S042-1B120333M3	N/A	N/A	N/A
Hub	clover	H306	H036WG54640053	N/A	N/A

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4 MEASUREMENT EQUIPMENT USED

4.1 Conducted Measurement

Conducted Emission Test Site: Conducted E					
EQUIPMENT TYPE	MFR	MODEL NUMBER	SERIAL NUMBER	LAST CAL. (mm/dd/yyyy)	CAL DUE. (mm/dd/yyyy)
Attenuator	Marvelous	MVE2213-10	RF05	11/13/2025	11/12/2026
DC Block	PASTERNAK	PE8210	RF34	11/13/2025	11/12/2026
DC Power Supply	Gwinstek	SPD-3606	GEV923152	05/14/2026	05/13/2027
Temperature Chamber	Haich	HC-TOPH-30-CHP	QHC20230320-100-2	08/29/2025	08/28/2026
Radio Communication Analyzer	Anritsu	MT8820C	6200971023	10/20/2025	10/19/2026
Splitter	Woken	DOM35LW1A2	RF56	11/13/2025	11/12/2026
Test Software	SGS Taiwan	Radio Test Software	Ver.21	N.C.R	N.C.R
Coaxial Cables	TITAN	T0710ASFF14110A60	RF86	11/13/2025	11/12/2026
Coaxial Cables	TITAN	T0710ASFF14110A60	RF87	11/13/2025	11/12/2026
Spectrum Analyzer	KEYSIGHT	N9010A	MY54510568	10/17/2025	10/16/2026

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4.2 Radiated Measurement

Radiated Emission Test Site: SAC C					
EQUIPMENT TYPE	MFR	MODEL NUMBER	SERIAL NUMBER	LAST CAL. (mm/dd/yyyy)	CAL DUE. (mm/dd/yyyy)
3m Site NSA	SGS	966 chamber C	N/A	03/02/2026	03/01/2027
Test Software	audix	e3	E3 210616 SGS Ver.9 (C)	N.C.R	N.C.R
Broadband Antenna	SCHWARZBECK	VULB 9168	9168-300	11/14/2025	11/13/2026
Horn Antenna	Schwarzbeck	BBHA9120D	1187	02/06/2026	02/05/2027
Horn Antenna	RF SPIN	DRH0844	KV2E12A0844	01/23/2026	01/22/2027
Coaxial Cable	EMCI+Huber Suhner	RG 214/U+EMC104- SM-SM- 6000+EMC105-SM- SM-12000+15	W13.01+150813+2 310002+15	11/13/2025	11/12/2026
Coaxial Cable	SUCCOFLEX	SUCCOFLEX 102	MY2153/2+MY520 415/2	11/13/2025	11/12/2026
Pre-Amplifier	EMC Instruments	EMC9135	980234	11/13/2025	11/12/2026
Pre-Amplifier	EMC Instruments	EMC118A45SE	980789	11/13/2025	11/12/2026
Pre-Amplifier	EMC Instruments	EMC184045SEE	980881	11/13/2025	11/12/2026
1G Low pass Filter	Woken	EW7-56-0019	RF156	11/13/2025	11/12/2026
635-920 Notch Filter	Titan Microwave	T04N63592050S01	RF204	11/13/2025	11/12/2026
1700-2000 Notch Filter	Titan Microwave	T04N1700200050N S01	RF206	11/13/2025	11/12/2026
Radio Communication Analyser	Anritsu	MT8821C	6262044732	11/28/2025	11/27/2026
Radio Communication Analyser	Anritsu	MT8820C	6201061014	9/4/2025	9/3/2026
Spectrum Analyzer	KEYSIGHT	N9010B	MY59071573	06/02/2026	06/01/2027

NOTE: N.C.R refers to Not Calibrated Required.

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5 REGULATORY REQUIREMENTS

5.1 Maximum Output Power

§22.913(a)(5)

The ERP of mobile transmitters and auxiliary test transmitters must not exceed 7 watts

§24.232(c)

Mobile and portable stations are limited to 2 watts EIRP and the equipment must employ a means for limiting power to the minimum necessary for successful communications

§27.50(b)(10)

Portable stations (hand-held devices) transmitting in the 746-757 MHz, 776-788 MHz, and 805-806 MHz bands are limited to 3 watts ERP

§27.50(c)(10)

Portable stations (hand-held devices) in the 600 MHz uplink band and the 698-746 MHz band, and fixed and mobile stations in the 600 MHz uplink band are limited to 3 watts ERP

§27.50(d)(4)

Fixed, mobile, and portable (hand-held) stations operating in the 1710-1755 MHz band and mobile and portable stations operating in the 1695-1710 MHz and 1755-1780 MHz bands are limited to 1 watt EIRP. Fixed stations operating in the 1710-1755 MHz band are limited to a maximum antenna height of 10 meters above ground. Mobile and portable stations operating in these bands must employ a means for limiting power to the minimum necessary for successful communications

5.2 Occupied Bandwidth

The occupied bandwidth is the frequency bandwidth such that, below its lower and above its upper frequency limits, the mean powers radiated are each equal to 0.5 percent of the total mean power.

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5.3 Out Of Band Emission At Antenna Terminals

§22.917(a)

Out of band emissions. The power of any emission outside of the authorized operating frequency ranges must be attenuated below the transmitting power (P) by a factor of at least $43 + 10 \log(P)$ dB

§24.238(a)

Out of band emissions. The power of any emission outside of the authorized operating frequency ranges must be attenuated below the transmitting power (P) by a factor of at least $43 + 10 \log(P)$ dB

§27.53(c)(2)

On any frequency outside the 776-788 MHz band, the power of any emission shall be attenuated outside the band below the transmitter power (P) by at least $43 + 10 \log(P)$ dB;

§27.53(g)

For operations in the 600 MHz band and the 698-746 MHz band, the power of any emission outside a licensee's frequency band(s) of operation shall be attenuated below the transmitter power (P) within the licensed band(s) of operation, measured in watts, by at least $43 + 10 \log(P)$ dB. Compliance with this provision is based on the use of measurement instrumentation employing a resolution bandwidth of 100 kilohertz or greater. However, in the 100 kilohertz bands immediately outside and adjacent to a licensee's frequency block, a resolution bandwidth of at least 30 kHz may be employed

§27.53(h)(1)

General protection levels. Except as otherwise specified below, for operations in the 1695-1710 MHz, 1710-1755 MHz, 1755-1780 MHz, 1915-1920 MHz, 1995-2000 MHz, 2000-2020 MHz, 2110-2155 MHz, 2155-2180 MHz, and 2180-2200 bands, the power of any emission outside a licensee's frequency block shall be attenuated below the transmitter power (P) in watts by at least $43 + 10 \log_{10}(P)$ dB

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5.4 Field Strength Of Spurious Radiation

§22.917(a)

Out of band emissions. The power of any emission outside of the authorized operating frequency ranges must be attenuated below the transmitting power (P) by a factor of at least $43 + 10 \log(P)$ dB

§24.238(a)

Out of band emissions. The power of any emission outside of the authorized operating frequency ranges must be attenuated below the transmitting power (P) by a factor of at least $43 + 10 \log(P)$ dB

§27.53(c)(2)

On any frequency outside the 776-788 MHz band, the power of any emission shall be attenuated outside the band below the transmitter power (P) by at least $43 + 10 \log(P)$ dB;

§27.53(g)

For operations in the 600 MHz band and the 698-746 MHz band, the power of any emission outside a licensee's frequency band(s) of operation shall be attenuated below the transmitter power (P) within the licensed band(s) of operation, measured in watts, by at least $43 + 10 \log(P)$ dB. Compliance with this provision is based on the use of measurement instrumentation employing a resolution bandwidth of 100 kilohertz or greater. However, in the 100 kilohertz bands immediately outside and adjacent to a licensee's frequency block, a resolution bandwidth of at least 30 kHz may be employed

§27.53(h)(1)

General protection levels. Except as otherwise specified below, for operations in the 1695-1710 MHz, 1710-1755 MHz, 1755-1780 MHz, 1915-1920 MHz, 1995-2000 MHz, 2000-2020 MHz, 2110-2155 MHz, 2155-2180 MHz, and 2180-2200 bands, the power of any emission outside a licensee's frequency block shall be attenuated below the transmitter power (P) in watts by at least $43 + 10 \log_{10}(P)$ dB

5.5 Frequency Stability

The frequency stability shall be sufficient to ensure that the fundamental emission stays within the authorized frequency block.

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5.6 Peak to Average Ratio

The peak-to-average ratio (PAR) of the transmission may not exceed 13dB.

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6 TEST CONFIGURATION

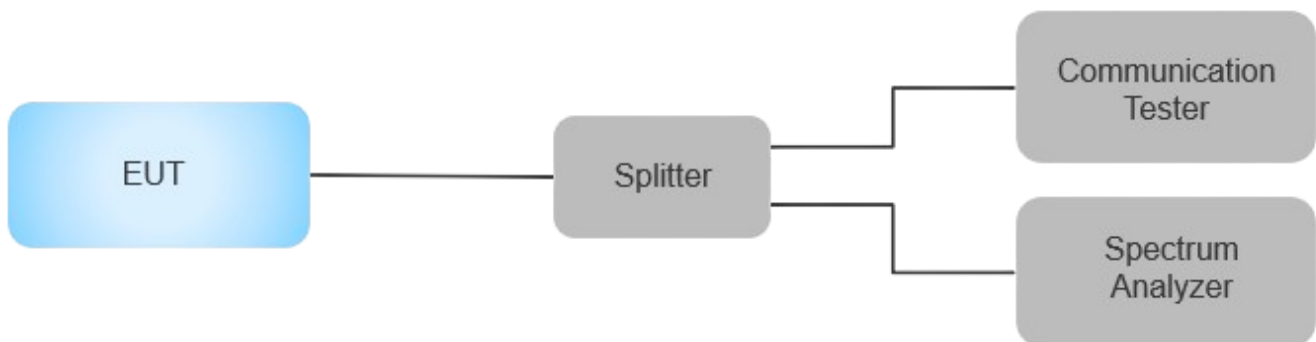
6.1 Maximum Output Power



The transmitter output was connected to a calibrated attenuator, the other end of which was connected to a power meter. Transmitter output was read off the power meter in dBm. The power output at the transmitter antenna port was determined by adding the value of the attenuator to the power meter reading.

KDB 971168 D01 Power Meas License Digital System as the supplemental test methodology to adjust the proper setting obtaining the measurement results.

6.2 Occupied Bandwidth



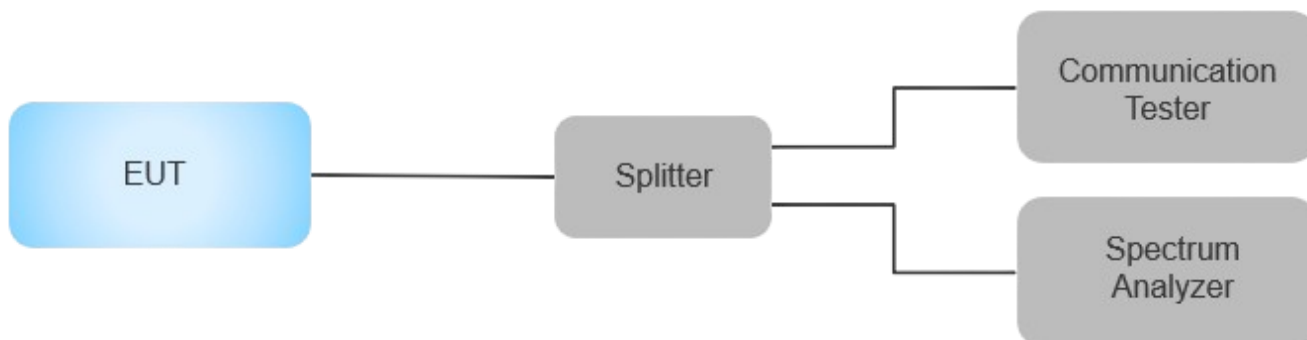
99% &26dB Bandwidth with detector peak

The EUT's output RF connector was connected with a short cable to the spectrum analyzer, RBW was set to about 1% of emission BW, VBW= 3 times RBW, -26dBc display line was placed on the screen (or 26dB bandwidth), the occupied bandwidth is the delta frequency between the two points where the display line intersects the signal trace. Then set RBW to 99% bandwidth, RBW= 1% ~ 5%, VBW $\geq 3 * RBW$, with span $> 2 * \text{Signal BW}$, set % Power = 99%.

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6.3 Out Of Band Emission At Antenna Terminals



6.3.1 Out Of Band Emission

The RF output of the transceiver was connected to a spectrum analyzer through appropriate attenuation. The resolution bandwidth of the spectrum analyzer was set at 1MHz, sufficient scans were taken to show the out of band Emissions if any up to 10th harmonic.

To connect Antenna Port of EUT to Spectrum.

Set RBW = 1MHz & VBW = 1MHz on Spectrum.

Allow trace to fully stabilize

Repeat above procedures until all default test channel measured were complete.

6.3.2 Band Edge

The RF output of the transceiver was connected to a spectrum analyzer through appropriate attenuation. The resolution bandwidth of the spectrum analyzer was set at 1MHz, sufficient scans were taken to show the out of band Emissions if any up to 10th harmonic.

To connect Antenna Port of EUT to Spectrum.

Set RBW = 1MHz & VBW = 1MHz on Spectrum.

Allow trace to fully stabilize

Repeat above procedures until all default test channel measured were complete.

1. To connect Antenna Port of EUT to Spectrum.
2. The band edge of low and high channels for the highest RF powers was measured.
Setting $RBW \geq 1\% \text{ EBW}$.
3. Detector = Average
4. Allow trace to fully stabilize
5. Repeat above procedures until all default test channel measured were complete.

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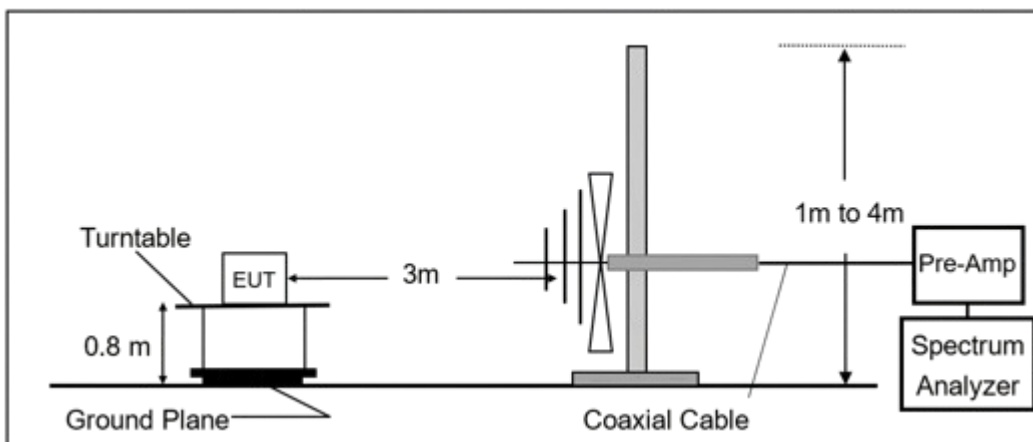
6.4 Field Strength Of Spurious Radiation

For Measurements From 9 kHz To 30 MHz

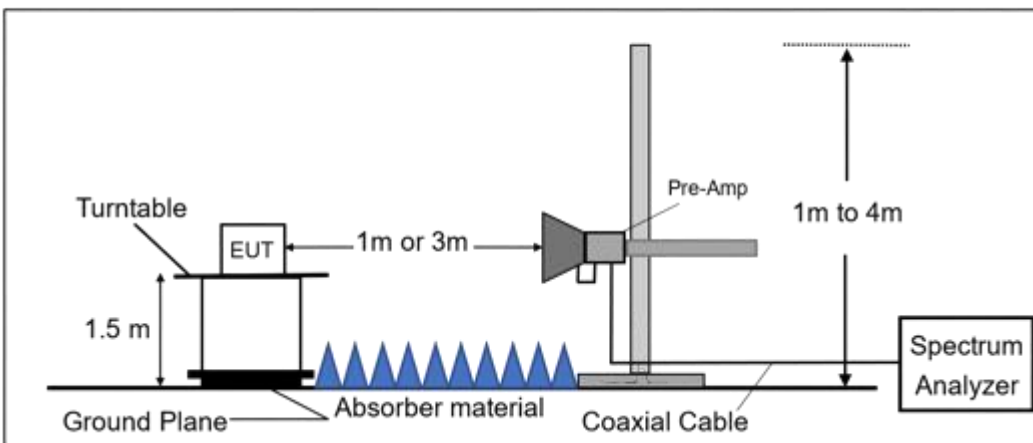
Radiated emission below 30MHz is measured in a 9m*6m*6m semi-anechoic chamber, the measurements correspond to those obtained at an open-field test site.

There is a comparison data of both open-field test site and semi-Anechoic chamber, and the result came out very similar.

Radiated Emission Test Set-Up, Frequency From 30MHz to 1000MHz.



Radiated Emission Test Set-Up, Frequency Above 1GHz.



The Equipment Under Test (EUT) was positioned on a non-conductive turntable that rotates 360 degrees. The receiving antenna was placed 3 meters from the EUT, with height varied between 1-4 meters to maximize emission detection.

To identify maximum emission levels, the following parameters were optimized:

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EUT azimuth angle through 360-degree rotation

EUT orientation in three orthogonal axes

Antenna height (1-4 meters)

Antenna polarization (horizontal and vertical)

For frequencies above 1 GHz, measurements were conducted with the antenna maintained within the 3dB illumination bandwidth and pointed toward the EUT in both azimuth and elevation angles.

The frequency range extending to the tenth harmonic was investigated for three fundamental frequencies (low, middle, and high channels). Spurious emissions were identified and their power levels determined using the substitution method. The spurious emission attenuation was calculated as the difference between the radiated power at the fundamental frequency and the spurious emission frequency.

ERP (dBm) = SG Level(dBm) + Antenna Gain(dBd) + Cable Loss(dB)

EIRP (dBm) = SG Level(dBm) + Antenna Gain(dBi) + Cable Loss(dB)

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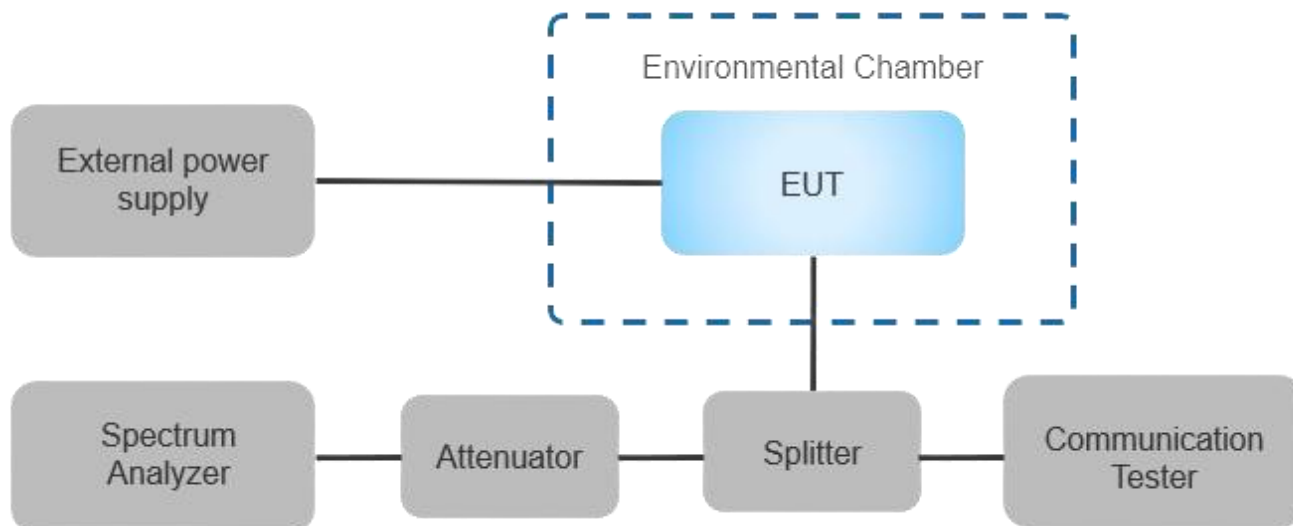
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6.5 Frequency Stability



The equipment under test was connected to an external AC or DC power supply and input rated voltage. RF output was connected to a frequency counter or spectrum analyzer via feed through attenuators. The EUT was placed inside the temperature chamber. Set the spectrum analyzer RBW low enough to obtain the desired frequency resolution and measure EUT 20°C operating frequency as reference frequency. Turn EUT off and set the chamber temperature to -30°C. After the temperature stabilized for approximately 30 minutes recorded the frequency. Repeat step measure with 10°C increased per stage until the highest temperature of +50°C reached.

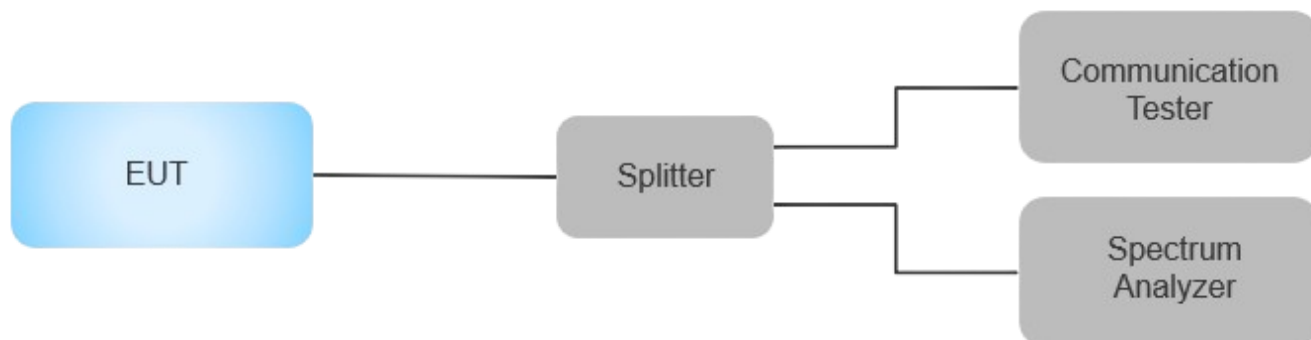
Set chamber temperature to 20°C. Use a variable AC power supply / DC power source to power the EUT and set the voltage to rated voltage. Set the spectrum analyzer RBW low enough to obtain the desired frequency resolution and recorded the frequency. Reduce the input voltage to specify extreme voltage variation (+/- 15%) and endpoint as declared by the manufacturer, record the maximum frequency change.

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6.6 Peak To Average Ratio



1. KDB 971168 D01 is employed as the following procedure is proper adjusted accordingly:
2. Set resolution/measurement bandwidth $\geq$ signal's occupied bandwidth; & internal = 1ms
3. As an alternative, the highest power level measured in a narrower RBW (relative to the specified reference bandwidth) can be scaled by applying a correction factor determined from: $10 \log [(reference\ bandwidth) / (resolution\ or\ measurement\ band-width)]$.
4. Set the number of counts to a value that stabilizes the measured CCDF curve.

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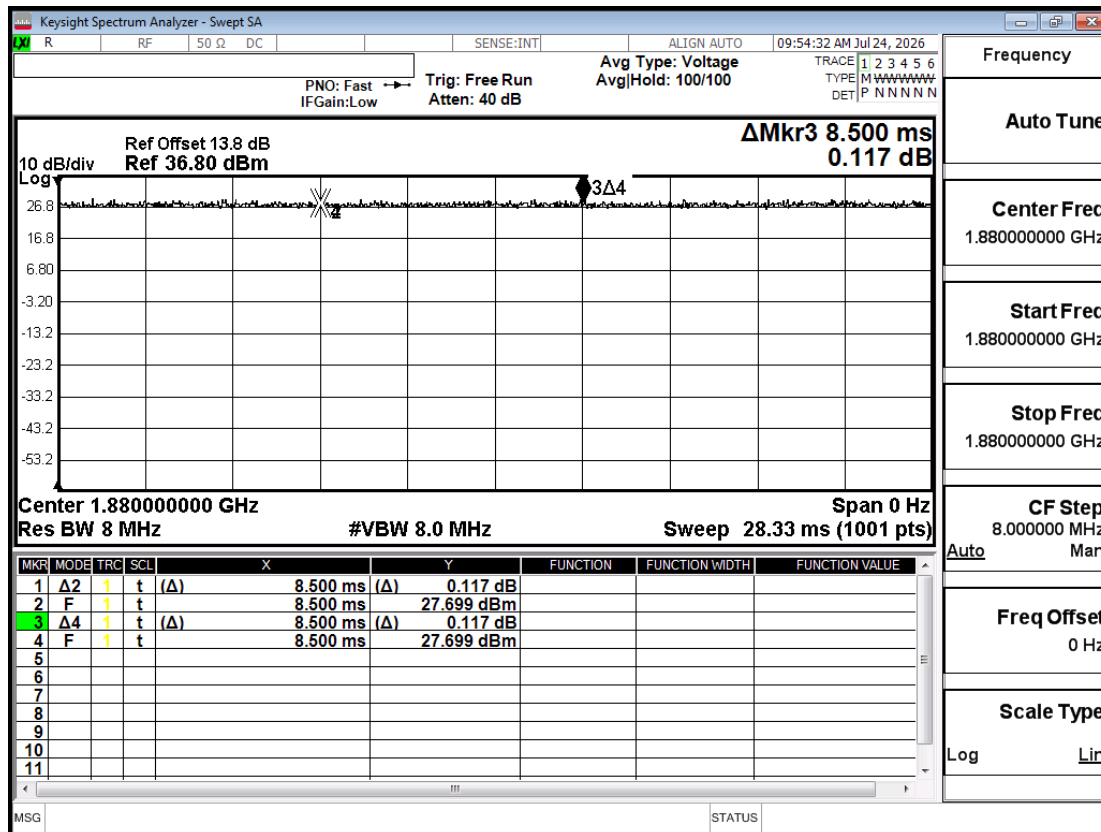
7 TEST RESULTS

7.1 Maximum Output Power

7.1.1 Duty Factor

Mode	Duty Cycle (%) =Ton / (Ton+Toff)	Duty Factor (dB) =10*log (1/Duty Cycle)
FDD	100.00	0.00

FDD-Duty



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7.1.2 ERP/EIRP

Part22

Antenna gain (dBi)		3.14								
LTE Band 5_Uplink frequency band : 824 to 849 MHz										
BW (MHz)	UL Channel	Frequency (MHz)	Modulation	RB Size	RB Offset	Conducted Average (dBm)	EIRP Average (dBm)	ERP Average (dBm)	ERP Limit (dBm)	Margin (dB)
1.4	20407	824.7	QPSK	1	0	22.50	25.64	23.49	38.45	-14.96
				1	5	22.52	25.66	23.51	38.45	-14.94
				3	2	22.85	25.99	23.84	38.45	-14.61
				6	0	21.79	24.93	22.78	38.45	-15.67
	20525	836.5	QPSK	1	0	22.66	25.80	23.65	38.45	-14.80
				1	5	22.64	25.78	23.63	38.45	-14.82
				3	2	22.54	25.68	23.53	38.45	-14.92
				6	0	21.72	24.86	22.71	38.45	-15.74
	20643	848.3	QPSK	1	0	22.72	25.86	23.71	38.45	-14.74
				1	5	22.56	25.70	23.55	38.45	-14.90
				3	2	22.54	25.68	23.53	38.45	-14.92
				6	0	21.45	24.59	22.44	38.45	-16.01
1.4	20407	824.7	16QAM	1	0	21.25	24.39	22.24	38.45	-16.21
				1	5	21.33	24.47	22.32	38.45	-16.13
				3	2	21.44	24.58	22.43	38.45	-16.02
				6	0	21.43	24.57	22.42	38.45	-16.03
	20525	836.5	16QAM	1	0	21.09	24.23	22.08	38.45	-16.37
				1	5	21.01	24.15	22.00	38.45	-16.45
				3	2	21.13	24.27	22.12	38.45	-16.33
				6	0	20.67	23.81	21.66	38.45	-16.79
	20643	848.3	16QAM	1	0	21.73	24.87	22.72	38.45	-15.73
				1	5	21.59	24.73	22.58	38.45	-15.87
				3	2	21.59	24.73	22.58	38.45	-15.87
				6	0	20.95	24.09	21.94	38.45	-16.51
1.4	20407	824.7	64QAM	1	0	21.14	24.28	22.13	38.45	-16.32
				1	5	21.20	24.34	22.19	38.45	-16.26
				3	2	21.40	24.54	22.39	38.45	-16.06
				6	0	20.71	23.85	21.70	38.45	-16.75
	20525	836.5	64QAM	1	0	20.90	24.04	21.89	38.45	-16.56
				1	5	20.88	24.02	21.87	38.45	-16.58
				3	2	20.60	23.74	21.59	38.45	-16.86
				6	0	20.17	23.31	21.16	38.45	-17.29
	20643	848.3	64QAM	1	0	21.22	24.36	22.21	38.45	-16.24
				1	5	21.21	24.35	22.20	38.45	-16.25
				3	2	20.70	23.84	21.69	38.45	-16.76
				6	0	20.58	23.72	21.57	38.45	-16.88

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Antenna gain (dBi)		3.14								
LTE Band 5_Uplink frequency band : 824 to 849 MHz										
BW (MHz)	UL Channel	Frequency (MHz)	Modulation	RB Size	RB Offset	Conducted Average (dBm)	EIRP Average (dBm)	ERP Average (dBm)	ERP Limit (dBm)	Margin (dB)
3	20415	825.5	QPSK	1	0	22.65	25.79	23.64	38.45	-14.81
				1	14	22.31	25.45	23.30	38.45	-15.15
				8	4	21.81	24.95	22.80	38.45	-15.65
				15	0	21.77	24.91	22.76	38.45	-15.69
	20525	836.5	QPSK	1	0	22.72	25.86	23.71	38.45	-14.74
				1	14	22.81	25.95	23.80	38.45	-14.65
				8	4	21.74	24.88	22.73	38.45	-15.72
				15	0	21.71	24.85	22.70	38.45	-15.75
	20635	847.5	QPSK	1	0	22.80	25.94	23.79	38.45	-14.66
				1	14	22.83	25.97	23.82	38.45	-14.63
				8	4	21.68	24.82	22.67	38.45	-15.78
				15	0	21.53	24.67	22.52	38.45	-15.93
3	20415	825.5	16QAM	1	0	21.50	24.64	22.49	38.45	-15.96
				1	14	21.56	24.70	22.55	38.45	-15.90
				8	4	20.84	23.98	21.83	38.45	-16.62
				15	0	20.85	23.99	21.84	38.45	-16.61
	20525	836.5	16QAM	1	0	21.52	24.66	22.51	38.45	-15.94
				1	14	21.55	24.69	22.54	38.45	-15.91
				8	4	20.49	23.63	21.48	38.45	-16.97
				15	0	20.74	23.88	21.73	38.45	-16.72
	20635	847.5	16QAM	1	0	21.61	24.75	22.60	38.45	-15.85
				1	14	20.85	23.99	21.84	38.45	-16.61
				8	4	20.91	24.05	21.90	38.45	-16.55
				15	0	20.83	23.97	21.82	38.45	-16.63
3	20415	825.5	64QAM	1	0	21.00	24.14	21.99	38.45	-16.46
				1	14	20.77	23.91	21.76	38.45	-16.69
				8	4	20.81	23.95	21.80	38.45	-16.65
				15	0	20.57	23.71	21.56	38.45	-16.89
	20525	836.5	64QAM	1	0	20.99	24.13	21.98	38.45	-16.47
				1	14	20.85	23.99	21.84	38.45	-16.61
				8	4	20.15	23.29	21.14	38.45	-17.31
				15	0	20.54	23.68	21.53	38.45	-16.92
	20635	847.5	64QAM	1	0	21.04	24.18	22.03	38.45	-16.42
				1	14	20.44	23.58	21.43	38.45	-17.02
				8	4	20.64	23.78	21.63	38.45	-16.82
				15	0	20.44	23.58	21.43	38.45	-17.02

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LTE Band 5_Uplink frequency band : 824 to 849 MHz										
BW (MHz)	UL Channel	Frequency (MHz)	Modulation	RB Size	RB Offset	Conducted Average (dBm)	EIRP Average (dBm)	ERP Average (dBm)	ERP Limit (dBm)	Margin (dB)
5	20425	826.5	QPSK	1	0	22.83	25.97	23.82	38.45	-14.63
				1	24	22.66	25.80	23.65	38.45	-14.80
				12	6	21.78	24.92	22.77	38.45	-15.68
				25	0	21.65	24.79	22.64	38.45	-15.81
	20525	836.5	QPSK	1	0	22.31	25.45	23.30	38.45	-15.15
				1	24	22.39	25.53	23.38	38.45	-15.07
				12	6	21.70	24.84	22.69	38.45	-15.76
				25	0	21.70	24.84	22.69	38.45	-15.76
	20625	846.5	QPSK	1	0	22.50	25.64	23.49	38.45	-14.96
				1	24	22.71	25.85	23.70	38.45	-14.75
				12	6	21.55	24.69	22.54	38.45	-15.91
				25	0	21.63	24.77	22.62	38.45	-15.83
5	20425	826.5	16QAM	1	0	21.24	24.38	22.23	38.45	-16.22
				1	24	21.76	24.90	22.75	38.45	-15.70
				12	6	20.54	23.68	21.53	38.45	-16.92
				25	0	20.47	23.61	21.46	38.45	-16.99
	20525	836.5	16QAM	1	0	21.38	24.52	22.37	38.45	-16.08
				1	24	21.43	24.57	22.42	38.45	-16.03
				12	6	20.60	23.74	21.59	38.45	-16.86
				25	0	20.52	23.66	21.51	38.45	-16.94
	20625	846.5	16QAM	1	0	21.60	24.74	22.59	38.45	-15.86
				1	24	21.46	24.60	22.45	38.45	-16.00
				12	6	20.48	23.62	21.47	38.45	-16.98
				25	0	20.74	23.88	21.73	38.45	-16.72
5	20425	826.5	64QAM	1	0	21.16	24.30	22.15	38.45	-16.30
				1	24	21.14	24.28	22.13	38.45	-16.32
				12	6	20.43	23.57	21.42	38.45	-17.03
				25	0	20.44	23.58	21.43	38.45	-17.02
	20525	836.5	64QAM	1	0	21.06	24.20	22.05	38.45	-16.40
				1	24	21.18	24.32	22.17	38.45	-16.28
				12	6	20.41	23.55	21.40	38.45	-17.05
				25	0	20.31	23.45	21.30	38.45	-17.15
	20625	846.5	64QAM	1	0	21.53	24.67	22.52	38.45	-15.93
				1	24	21.24	24.38	22.23	38.45	-16.22
				12	6	20.42	23.56	21.41	38.45	-17.04
				25	0	20.45	23.59	21.44	38.45	-17.01

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10	20450	829.0	QPSK	1	0	22.08	25.22	23.07	38.45	-15.38
				1	49	22.65	25.79	23.64	38.45	-14.81
				25	12	21.78	24.92	22.77	38.45	-15.68
				50	0	21.72	24.86	22.71	38.45	-15.74
	20525	836.5	QPSK	1	0	22.74	25.88	23.73	38.45	-14.72
				1	49	22.83	25.97	23.82	38.45	-14.63
				25	12	21.08	24.22	22.07	38.45	-16.38
				50	0	21.74	24.88	22.73	38.45	-15.72
	20600	844.0	QPSK	1	0	21.83	24.97	22.82	38.45	-15.63
				1	49	22.80	25.94	23.79	38.45	-14.66
				25	12	21.76	24.90	22.75	38.45	-15.70
				50	0	21.78	24.92	22.77	38.45	-15.68
10	20450	829.0	16QAM	1	0	21.38	24.52	22.37	38.45	-16.08
				1	49	21.45	24.59	22.44	38.45	-16.01
				25	12	20.72	23.86	21.71	38.45	-16.74
				50	0	20.79	23.93	21.78	38.45	-16.67
	20525	836.5	16QAM	1	0	21.73	24.87	22.72	38.45	-15.73
				1	49	21.79	24.93	22.78	38.45	-15.67
				25	12	20.70	23.84	21.69	38.45	-16.76
				50	0	20.83	23.97	21.82	38.45	-16.63
	20600	844.0	16QAM	1	0	21.38	24.52	22.37	38.45	-16.08
				1	49	21.33	24.47	22.32	38.45	-16.13
				25	12	20.34	23.48	21.33	38.45	-17.12
				50	0	20.08	23.22	21.07	38.45	-17.38
10	20450	829.0	64QAM	1	0	21.21	24.35	22.20	38.45	-16.25
				1	49	20.89	24.03	21.88	38.45	-16.57
				25	12	20.61	23.75	21.60	38.45	-16.85
				50	0	20.78	23.92	21.77	38.45	-16.68
	20525	836.5	64QAM	1	0	21.11	24.25	22.10	38.45	-16.35
				1	49	21.05	24.19	22.04	38.45	-16.41
				25	12	20.00	23.14	20.99	38.45	-17.46
				50	0	20.06	23.20	21.05	38.45	-17.40
	20600	844.0	64QAM	1	0	21.31	24.45	22.30	38.45	-16.15
				1	49	21.16	24.30	22.15	38.45	-16.30
				25	12	20.15	23.29	21.14	38.45	-17.31
				50	0	20.03	23.17	21.02	38.45	-17.43

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Part24

Antenna gain (dBi)		2.33							
LTE Band 2_Uplink frequency band : 1850 to 1910 MHz									
BW (MHz)	UL Channel	Frequency (MHz)	Modulation	RB Size	RB Offset	Conducted Average (dBm)	EIRP Average (dBm)	EIRP Limit (dBm)	Margin (dB)
1.4	18607	1850.7	QPSK	1	0	22.43	24.76	33	-8.24
				1	5	22.57	24.90	33	-8.10
				3	2	22.47	24.80	33	-8.20
				6	0	21.30	23.63	33	-9.37
	18900	1880	QPSK	1	0	21.53	23.86	33	-9.14
				1	5	21.65	23.98	33	-9.02
				3	2	21.74	24.07	33	-8.93
				6	0	20.53	22.86	33	-10.14
	19193	1909.3	QPSK	1	0	21.36	23.69	33	-9.31
				1	5	21.79	24.12	33	-8.88
				3	2	21.80	24.13	33	-8.87
				6	0	21.02	23.35	33	-9.65
1.4	18607	1850.7	16QAM	1	0	21.15	23.48	33	-9.52
				1	5	21.16	23.49	33	-9.51
				3	2	21.48	23.81	33	-9.19
				6	0	20.54	22.87	33	-10.13
	18900	1880	16QAM	1	0	20.66	22.99	33	-10.01
				1	5	20.38	22.71	33	-10.29
				3	2	20.17	22.50	33	-10.50
				6	0	19.52	21.85	33	-11.15
	19193	1909.3	16QAM	1	0	20.76	23.09	33	-9.91
				1	5	20.50	22.83	33	-10.17
				3	2	20.62	22.95	33	-10.05
				6	0	19.66	21.99	33	-11.01
1.4	18607	1850.7	64QAM	1	0	20.70	23.03	33	-9.97
				1	5	20.72	23.05	33	-9.95
				3	2	21.32	23.65	33	-9.35
				6	0	20.21	22.54	33	-10.46
	18900	1880	64QAM	1	0	20.35	22.68	33	-10.32
				1	5	20.21	22.54	33	-10.46
				3	2	20.14	22.47	33	-10.53
				6	0	19.50	21.83	33	-11.17
	19193	1909.3	64QAM	1	0	20.51	22.84	33	-10.16
				1	5	20.42	22.75	33	-10.25
				3	2	20.62	22.95	33	-10.05
				6	0	19.61	21.94	33	-11.06

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Antenna gain (dBi)		2.33							
LTE Band 2_Uplink frequency band : 1850 to 1910 MHz									
BW (MHz)	UL Channel	Frequency (MHz)	Modulation	RB Size	RB Offset	Conducted Average (dBm)	EIRP Average (dBm)	EIRP Limit (dBm)	Margin (dB)
3	18615	1851.5	QPSK	1	0	22.43	24.76	33	-8.24
				1	14	22.49	24.82	33	-8.18
				8	4	21.39	23.72	33	-9.28
				15	0	21.33	23.66	33	-9.34
	18900	1880.0	QPSK	1	0	21.62	23.95	33	-9.05
				1	14	21.64	23.97	33	-9.03
				8	4	20.49	22.82	33	-10.18
				15	0	20.65	22.98	33	-10.02
	19185	1908.5	QPSK	1	0	21.94	24.27	33	-8.73
				1	14	21.91	24.24	33	-8.76
				8	4	20.88	23.21	33	-9.79
				15	0	20.86	23.19	33	-9.81
3	18615	1851.5	16QAM	1	0	21.22	23.55	33	-9.45
				1	14	21.26	23.59	33	-9.41
				8	4	20.33	22.66	33	-10.34
				15	0	20.18	22.51	33	-10.49
	18900	1880.0	16QAM	1	0	20.65	22.98	33	-10.02
				1	14	20.73	23.06	33	-9.94
				8	4	19.75	22.08	33	-10.92
				15	0	19.58	21.91	33	-11.09
	19185	1908.5	16QAM	1	0	20.58	22.91	33	-10.09
				1	14	20.48	22.81	33	-10.19
				8	4	19.94	22.27	33	-10.73
				15	0	20.01	22.34	33	-10.66
3	18615	1851.5	64QAM	1	0	21.12	23.45	33	-9.55
				1	14	21.09	23.42	33	-9.58
				8	4	20.21	22.54	33	-10.46
				15	0	20.11	22.44	33	-10.56
	18900	1880.0	64QAM	1	0	20.10	22.43	33	-10.57
				1	14	20.05	22.38	33	-10.62
				8	4	19.37	21.70	33	-11.30
				15	0	19.39	21.72	33	-11.28
	19185	1908.5	64QAM	1	0	20.19	22.52	33	-10.48
				1	14	20.12	22.45	33	-10.55
				8	4	19.80	22.13	33	-10.87
				15	0	19.84	22.17	33	-10.83

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Antenna gain (dBi)		2.33							
LTE Band 2_Uplink frequency band : 1850 to 1910 MHz									
BW (MHz)	UL Channel	Frequency (MHz)	Modulation	RB Size	RB Offset	Conducted Average (dBm)	EIRP Average (dBm)	EIRP Limit (dBm)	Margin (dB)
5	18625	1852.5	QPSK	1	0	22.45	24.78	33	-8.22
				1	24	22.27	24.60	33	-8.40
				12	6	21.26	23.59	33	-9.41
				25	0	21.31	23.64	33	-9.36
	18900	1880.0	QPSK	1	0	21.80	24.13	33	-8.87
				1	24	21.65	23.98	33	-9.02
				12	6	20.45	22.78	33	-10.22
				25	0	20.46	22.79	33	-10.21
	19175	1907.5	QPSK	1	0	22.07	24.40	33	-8.60
				1	24	22.13	24.46	33	-8.54
				12	6	20.96	23.29	33	-9.71
				25	0	20.87	23.20	33	-9.80
5	18625	1852.5	16QAM	1	0	21.12	23.45	33	-9.55
				1	24	21.02	23.35	33	-9.65
				12	6	20.16	22.49	33	-10.51
				25	0	20.35	22.68	33	-10.32
	18900	1880.0	16QAM	1	0	20.51	22.84	33	-10.16
				1	24	20.32	22.65	33	-10.35
				12	6	19.72	22.05	33	-10.95
				25	0	19.80	22.13	33	-10.87
	19175	1907.5	16QAM	1	0	20.50	22.83	33	-10.17
				1	24	20.55	22.88	33	-10.12
				12	6	19.55	21.88	33	-11.12
				25	0	19.75	22.08	33	-10.92
5	18625	1852.5	64QAM	1	0	20.76	23.09	33	-9.91
				1	24	20.47	22.80	33	-10.20
				12	6	20.12	22.45	33	-10.55
				25	0	20.17	22.50	33	-10.50
	18900	1880.0	64QAM	1	0	20.13	22.46	33	-10.54
				1	24	19.94	22.27	33	-10.73
				12	6	19.29	21.62	33	-11.38
				25	0	19.51	21.84	33	-11.16
	19175	1907.5	64QAM	1	0	19.66	21.99	33	-11.01
				1	24	20.46	22.79	33	-10.21
				12	6	19.51	21.84	33	-11.16
				25	0	19.71	22.04	33	-10.96

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Antenna gain (dBi)		2.33							
LTE Band 2_Uplink frequency band : 1850 to 1910 MHz									
BW (MHz)	UL Channel	Frequency (MHz)	Modulation	RB Size	RB Offset	Conducted Average (dBm)	EIRP Average (dBm)	EIRP Limit (dBm)	Margin (dB)
10	18650	1855.0	QPSK	1	0	22.58	24.91	33	-8.09
				1	49	21.50	23.83	33	-9.17
				25	12	21.19	23.52	33	-9.48
				50	0	20.14	22.47	33	-10.53
	18900	1880.0	QPSK	1	0	21.97	24.30	33	-8.70
				1	49	21.60	23.93	33	-9.07
				25	12	19.92	22.25	33	-10.75
				50	0	19.96	22.29	33	-10.71
	19150	1905.0	QPSK	1	0	21.74	24.07	33	-8.93
				1	49	21.99	24.32	33	-8.68
				25	12	20.04	22.37	33	-10.63
				50	0	19.99	22.32	33	-10.68
10	18650	1855.0	16QAM	1	0	21.11	23.44	33	-9.56
				1	49	21.00	23.33	33	-9.67
				25	12	20.22	22.55	33	-10.45
				50	0	20.04	22.37	33	-10.63
	18900	1880.0	16QAM	1	0	20.59	22.92	33	-10.08
				1	49	21.55	23.88	33	-9.12
				25	12	19.82	22.15	33	-10.85
				50	0	19.76	22.09	33	-10.91
	19150	1905.0	16QAM	1	0	20.74	23.07	33	-9.93
				1	49	21.20	23.53	33	-9.47
				25	12	20.03	22.36	33	-10.64
				50	0	19.82	22.15	33	-10.85
10	18650	1855.0	64QAM	1	0	21.07	23.40	33	-9.60
				1	49	20.97	23.30	33	-9.70
				25	12	20.10	22.43	33	-10.57
				50	0	19.97	22.30	33	-10.70
	18900	1880.0	64QAM	1	0	20.45	22.78	33	-10.22
				1	49	20.47	22.80	33	-10.20
				25	12	19.67	22.00	33	-11.00
				50	0	19.06	21.39	33	-11.61
	19150	1905.0	64QAM	1	0	20.33	22.66	33	-10.34
				1	49	20.36	22.69	33	-10.31
				25	12	19.27	21.60	33	-11.40
				50	0	19.80	22.13	33	-10.87

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Antenna gain (dBi)		2.33							
LTE Band 2_Uplink frequency band : 1850 to 1910 MHz									
BW (MHz)	UL Channel	Frequency (MHz)	Modulation	RB Size	RB Offset	Conducted Average (dBm)	EIRP Average (dBm)	EIRP Limit (dBm)	Margin (dB)
15	18675	1857.5	QPSK	1	0	21.94	24.27	33	-8.73
				1	74	21.13	23.46	33	-9.54
				36	18	20.44	22.77	33	-10.23
				75	0	20.84	23.17	33	-9.83
	18900	1880.0	QPSK	1	0	21.86	24.19	33	-8.81
				1	74	20.42	22.75	33	-10.25
				36	18	20.69	23.02	33	-9.98
				75	0	20.75	23.08	33	-9.92
	19125	1902.5	QPSK	1	0	21.81	24.14	33	-8.86
				1	74	21.79	24.12	33	-8.88
				36	18	20.04	22.37	33	-10.63
				75	0	20.72	23.05	33	-9.95
15	18675	1857.5	16QAM	1	0	21.11	23.44	33	-9.56
				1	74	20.33	22.66	33	-10.34
				36	18	20.32	22.65	33	-10.35
				75	0	20.15	22.48	33	-10.52
	18900	1880.0	16QAM	1	0	20.48	22.81	33	-10.19
				1	74	20.32	22.65	33	-10.35
				36	18	19.60	21.93	33	-11.07
				75	0	19.78	22.11	33	-10.89
	19125	1902.5	16QAM	1	0	20.61	22.94	33	-10.06
				1	74	20.52	22.85	33	-10.15
				36	18	19.89	22.22	33	-10.78
				75	0	19.76	22.09	33	-10.91
15	18675	1857.5	64QAM	1	0	21.10	23.43	33	-9.57
				1	74	18.81	21.14	33	-11.86
				36	18	20.10	22.43	33	-10.57
				75	0	20.11	22.44	33	-10.56
	18900	1880.0	64QAM	1	0	19.99	22.32	33	-10.68
				1	74	20.26	22.59	33	-10.41
				36	18	19.59	21.92	33	-11.08
				75	0	19.71	22.04	33	-10.96
	19125	1902.5	64QAM	1	0	20.46	22.79	33	-10.21
				1	74	20.49	22.82	33	-10.18
				36	18	19.38	21.71	33	-11.29
				75	0	19.25	21.58	33	-11.42

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Antenna gain (dBi)		2.33							
LTE Band 2_Uplink frequency band : 1850 to 1910 MHz									
BW (MHz)	UL Channel	Frequency (MHz)	Modulation	RB Size	RB Offset	Conducted Average (dBm)	EIRP Average (dBm)	EIRP Limit (dBm)	Margin (dB)
20	18700	1860.0	QPSK	1	0	22.59	24.92	33	-8.08
				1	99	21.82	24.15	33	-8.85
				50	25	21.08	23.41	33	-9.59
				100	0	20.47	22.80	33	-10.20
	18900	1880.0	QPSK	1	0	21.56	23.89	33	-9.11
				1	99	20.91	23.24	33	-9.76
				50	25	20.80	23.13	33	-9.87
				100	0	19.77	22.10	33	-10.90
	19100	1900.0	QPSK	1	0	21.15	23.48	33	-9.52
				1	99	21.37	23.70	33	-9.30
				50	25	20.79	23.12	33	-9.88
				100	0	20.73	23.06	33	-9.94
20	18700	1860.0	16QAM	1	0	21.29	23.62	33	-9.38
				1	99	20.65	22.98	33	-10.02
				50	25	19.44	21.77	33	-11.23
				100	0	20.11	22.44	33	-10.56
	18900	1880.0	16QAM	1	0	20.60	22.93	33	-10.07
				1	99	20.89	23.22	33	-9.78
				50	25	19.82	22.15	33	-10.85
				100	0	19.67	22.00	33	-11.00
	19100	1900.0	16QAM	1	0	20.72	23.05	33	-9.95
				1	99	19.84	22.17	33	-10.83
				50	25	19.91	22.24	33	-10.76
				100	0	19.64	21.97	33	-11.03
20	18700	1860.0	64QAM	1	0	21.04	23.37	33	-9.63
				1	99	20.46	22.79	33	-10.21
				50	25	18.49	20.82	33	-12.18
				100	0	20.04	22.37	33	-10.63
	18900	1880.0	64QAM	1	0	20.50	22.83	33	-10.17
				1	99	20.06	22.39	33	-10.61
				50	25	19.68	22.01	33	-10.99
				100	0	19.60	21.93	33	-11.07
	19100	1900.0	64QAM	1	0	20.62	22.95	33	-10.05
				1	99	19.82	22.15	33	-10.85
				50	25	19.55	21.88	33	-11.12
				100	0	19.60	21.93	33	-11.07

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Part27

Antenna gain (dBi)		5.39							
LTE Band 4_Uplink frequency band : 1710 to 1755 MHz									
BW (MHz)	UL Channel	Frequency (MHz)	Modulation	RB Size	RB Offset	Conducted Average (dBm)	EIRP Average (dBm)	EIRP Limit (dBm)	Margin (dB)
1.4	19957	1710.7	QPSK	1	0	22.59	27.98	30	-2.02
				1	5	22.29	27.68	30	-2.32
				3	2	22.38	27.77	30	-2.23
				6	0	21.40	26.79	30	-3.21
	20175	1732.5	QPSK	1	0	22.32	27.71	30	-2.29
				1	5	22.45	27.84	30	-2.16
				3	2	22.33	27.72	30	-2.28
				6	0	21.37	26.76	30	-3.24
	20393	1754.3	QPSK	1	0	22.30	27.69	30	-2.31
				1	5	22.28	27.67	30	-2.33
				3	2	22.26	27.65	30	-2.35
				6	0	21.19	26.58	30	-3.42
1.4	19957	1710.7	16QAM	1	0	21.24	26.63	30	-3.37
				1	5	21.37	26.76	30	-3.24
				3	2	21.44	26.83	30	-3.17
				6	0	20.27	25.66	30	-4.34
	20175	1732.5	16QAM	1	0	20.97	26.36	30	-3.64
				1	5	21.18	26.57	30	-3.43
				3	2	21.37	26.76	30	-3.24
				6	0	20.30	25.69	30	-4.31
	20393	1754.3	16QAM	1	0	20.90	26.29	30	-3.71
				1	5	20.88	26.27	30	-3.73
				3	2	21.17	26.56	30	-3.44
				6	0	20.03	25.42	30	-4.58
1.4	19957	1710.7	64QAM	1	0	21.19	26.58	30	-3.42
				1	5	20.93	26.32	30	-3.68
				3	2	21.40	26.79	30	-3.21
				6	0	20.20	25.59	30	-4.41
	20175	1732.5	64QAM	1	0	20.87	26.26	30	-3.74
				1	5	21.05	26.44	30	-3.56
				3	2	21.33	26.72	30	-3.28
				6	0	20.22	25.61	30	-4.39
	20393	1754.3	64QAM	1	0	20.55	25.94	30	-4.06
				1	5	20.78	26.17	30	-3.83
				3	2	21.00	26.39	30	-3.61
				6	0	20.01	25.40	30	-4.60

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Antenna gain (dBi)		5.39							
LTE Band 4_Uplink frequency band : 1710 to 1755 MHz									
BW (MHz)	UL Channel	Frequency (MHz)	Modulation	RB Size	RB Offset	Conducted Average (dBm)	EIRP Average (dBm)	EIRP Limit (dBm)	Margin (dB)
3	19965	1711.5	QPSK	1	0	22.52	27.91	30	-2.09
				1	14	22.49	27.88	30	-2.12
				8	4	21.58	26.97	30	-3.03
				15	0	21.45	26.84	30	-3.16
	20175	1732.5	QPSK	1	0	22.56	27.95	30	-2.05
				1	14	22.45	27.84	30	-2.16
				8	4	21.39	26.78	30	-3.22
				15	0	21.39	26.78	30	-3.22
	20385	1753.5	QPSK	1	0	22.40	27.79	30	-2.21
				1	14	22.39	27.78	30	-2.22
				8	4	21.27	26.66	30	-3.34
				15	0	21.26	26.65	30	-3.35
3	19965	1711.5	16QAM	1	0	21.36	26.75	30	-3.25
				1	14	21.22	26.61	30	-3.39
				8	4	20.35	25.74	30	-4.26
				15	0	20.39	25.78	30	-4.22
	20175	1732.5	16QAM	1	0	21.12	26.51	30	-3.49
				1	14	21.04	26.43	30	-3.57
				8	4	20.45	25.84	30	-4.16
				15	0	20.46	25.85	30	-4.15
	20385	1753.5	16QAM	1	0	20.98	26.37	30	-3.63
				1	14	21.22	26.61	30	-3.39
				8	4	20.27	25.66	30	-4.34
				15	0	20.02	25.41	30	-4.59
3	19965	1711.5	64QAM	1	0	21.18	26.57	30	-3.43
				1	14	21.20	26.59	30	-3.41
				8	4	20.11	25.50	30	-4.50
				15	0	20.34	25.73	30	-4.27
	20175	1732.5	64QAM	1	0	20.98	26.37	30	-3.63
				1	14	21.00	26.39	30	-3.61
				8	4	20.25	25.64	30	-4.36
				15	0	20.44	25.83	30	-4.17
	20385	1753.5	64QAM	1	0	20.72	26.11	30	-3.89
				1	14	20.89	26.28	30	-3.72
				8	4	20.24	25.63	30	-4.37
				15	0	20.00	25.39	30	-4.61

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Antenna gain (dBi)		5.39							
LTE Band 4_Uplink frequency band : 1710 to 1755 MHz									
BW (MHz)	UL Channel	Frequency (MHz)	Modulation	RB Size	RB Offset	Conducted Average (dBm)	EIRP Average (dBm)	EIRP Limit (dBm)	Margin (dB)
5	19975	1712.5	QPSK	1	0	22.50	27.89	30	-2.11
				1	24	22.40	27.79	30	-2.21
				12	6	21.38	26.77	30	-3.23
				25	0	21.35	26.74	30	-3.26
	20175	1732.5	QPSK	1	0	22.55	27.94	30	-2.06
				1	24	22.35	27.74	30	-2.26
				12	6	21.45	26.84	30	-3.16
				25	0	21.35	26.74	30	-3.26
	20375	1752.5	QPSK	1	0	22.49	27.88	30	-2.12
				1	24	22.37	27.76	30	-2.24
				12	6	21.08	26.47	30	-3.53
				25	0	21.19	26.58	30	-3.42
5	19975	1712.5	16QAM	1	0	21.78	27.17	30	-2.83
				1	24	21.89	27.28	30	-2.72
				12	6	20.22	25.61	30	-4.39
				25	0	20.52	25.91	30	-4.09
	20175	1732.5	16QAM	1	0	21.28	26.67	30	-3.33
				1	24	21.28	26.67	30	-3.33
				12	6	20.51	25.90	30	-4.10
				25	0	20.32	25.71	30	-4.29
	20375	1752.5	16QAM	1	0	20.91	26.30	30	-3.70
				1	24	21.16	26.55	30	-3.45
				12	6	20.09	25.48	30	-4.52
				25	0	20.33	25.72	30	-4.28
5	19975	1712.5	64QAM	1	0	21.10	26.49	30	-3.51
				1	24	21.05	26.44	30	-3.56
				12	6	20.22	25.61	30	-4.39
				25	0	20.31	25.70	30	-4.30
	20175	1732.5	64QAM	1	0	21.11	26.50	30	-3.50
				1	24	21.10	26.49	30	-3.51
				12	6	20.42	25.81	30	-4.19
				25	0	20.29	25.68	30	-4.32
	20375	1752.5	64QAM	1	0	20.70	26.09	30	-3.91
				1	24	20.74	26.13	30	-3.87
				12	6	20.00	25.39	30	-4.61
				25	0	20.30	25.69	30	-4.31

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Antenna gain (dBi)		5.39							
LTE Band 4_Uplink frequency band : 1710 to 1755 MHz									
BW (MHz)	UL Channel	Frequency (MHz)	Modulation	RB Size	RB Offset	Conducted Average (dBm)	EIRP Average (dBm)	EIRP Limit (dBm)	Margin (dB)
10	20000	1715.0	QPSK	1	0	22.68	28.07	30	-1.93
				1	49	22.53	27.92	30	-2.08
				25	12	21.37	26.76	30	-3.24
				50	0	21.41	26.80	30	-3.20
	20175	1732.5	QPSK	1	0	22.35	27.74	30	-2.26
				1	49	22.34	27.73	30	-2.27
				25	12	21.38	26.77	30	-3.23
				50	0	21.12	26.51	30	-3.49
	20350	1750.0	QPSK	1	0	21.85	27.24	30	-2.76
				1	49	22.67	28.06	30	-1.94
				25	12	21.24	26.63	30	-3.37
				50	0	21.11	26.50	30	-3.50
10	20000	1715.0	16QAM	1	0	21.04	26.43	30	-3.57
				1	49	20.82	26.21	30	-3.79
				25	12	20.47	25.86	30	-4.14
				50	0	20.47	25.86	30	-4.14
	20175	1732.5	16QAM	1	0	20.58	25.97	30	-4.03
				1	49	20.99	26.38	30	-3.62
				25	12	20.37	25.76	30	-4.24
				50	0	20.45	25.84	30	-4.16
	20350	1750.0	16QAM	1	0	21.06	26.45	30	-3.55
				1	49	21.21	26.60	30	-3.40
				25	12	20.33	25.72	30	-4.28
				50	0	20.29	25.68	30	-4.32
10	20000	1715.0	64QAM	1	0	21.01	26.40	30	-3.60
				1	49	20.73	26.12	30	-3.88
				25	12	20.41	25.80	30	-4.20
				50	0	20.44	25.83	30	-4.17
	20175	1732.5	64QAM	1	0	20.45	25.84	30	-4.16
				1	49	20.75	26.14	30	-3.86
				25	12	19.41	24.80	30	-5.20
				50	0	20.12	25.51	30	-4.49
	20350	1750.0	64QAM	1	0	20.56	25.95	30	-4.05
				1	49	20.99	26.38	30	-3.62
				25	12	20.27	25.66	30	-4.34
				50	0	20.20	25.59	30	-4.41

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Antenna gain (dBi)		5.39							
LTE Band 4_Uplink frequency band : 1710 to 1755 MHz									
BW (MHz)	UL Channel	Frequency (MHz)	Modulation	RB Size	RB Offset	Conducted Average (dBm)	EIRP Average (dBm)	EIRP Limit (dBm)	Margin (dB)
15	20025	1717.5	QPSK	1	0	22.70	28.09	30	-1.91
				1	74	22.43	27.82	30	-2.18
				36	18	21.51	26.90	30	-3.10
				75	0	21.12	26.51	30	-3.49
	20175	1732.5	QPSK	1	0	22.54	27.93	30	-2.07
				1	74	22.57	27.96	30	-2.04
				36	18	21.30	26.69	30	-3.31
				75	0	21.06	26.45	30	-3.55
	20325	1747.5	QPSK	1	0	22.65	28.04	30	-1.96
				1	74	22.48	27.87	30	-2.13
				36	18	21.33	26.72	30	-3.28
				75	0	21.10	26.49	30	-3.51
15	20025	1717.5	16QAM	1	0	21.69	27.08	30	-2.92
				1	74	21.50	26.89	30	-3.11
				36	18	20.41	25.80	30	-4.20
				75	0	20.50	25.89	30	-4.11
	20175	1732.5	16QAM	1	0	21.48	26.87	30	-3.13
				1	74	21.24	26.63	30	-3.37
				36	18	20.43	25.82	30	-4.18
				75	0	20.29	25.68	30	-4.32
	20325	1747.5	16QAM	1	0	21.09	26.48	30	-3.52
				1	74	20.71	26.10	30	-3.90
				36	18	20.28	25.67	30	-4.33
				75	0	20.22	25.61	30	-4.39
15	20025	1717.5	64QAM	1	0	21.54	26.93	30	-3.07
				1	74	21.43	26.82	30	-3.18
				36	18	20.20	25.59	30	-4.41
				75	0	20.30	25.69	30	-4.31
	20175	1732.5	64QAM	1	0	21.48	26.87	30	-3.13
				1	74	21.17	26.56	30	-3.44
				36	18	19.99	25.38	30	-4.62
				75	0	20.15	25.54	30	-4.46
	20325	1747.5	64QAM	1	0	21.01	26.40	30	-3.60
				1	74	20.50	25.89	30	-4.11
				36	18	20.27	25.66	30	-4.34
				75	0	20.15	25.54	30	-4.46

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Antenna gain (dBi)		5.39							
LTE Band 4_Uplink frequency band : 1710 to 1755 MHz									
BW (MHz)	UL Channel	Frequency (MHz)	Modulation	RB Size	RB Offset	Conducted Average (dBm)	EIRP Average (dBm)	EIRP Limit (dBm)	Margin (dB)
20	20050	1720.0	QPSK	1	0	22.71	28.10	30	-1.90
				1	99	22.39	27.78	30	-2.22
				50	25	21.53	26.92	30	-3.08
				100	0	21.47	26.86	30	-3.14
	20175	1732.5	QPSK	1	0	22.61	28.00	30	-2.00
				1	99	22.38	27.77	30	-2.23
				50	25	21.42	26.81	30	-3.19
				100	0	21.34	26.73	30	-3.27
	20300	1745.0	QPSK	1	0	22.92	28.31	30	-1.69
				1	99	22.63	28.02	30	-1.98
				50	25	21.25	26.64	30	-3.36
				100	0	21.29	26.68	30	-3.32
20	20050	1720.0	16QAM	1	0	20.60	25.99	30	-4.01
				1	99	20.30	25.69	30	-4.31
				50	25	20.48	25.87	30	-4.13
				100	0	20.55	25.94	30	-4.06
	20175	1732.5	16QAM	1	0	21.40	26.79	30	-3.21
				1	99	21.07	26.46	30	-3.54
				50	25	20.37	25.76	30	-4.24
				100	0	20.24	25.63	30	-4.37
	20300	1745.0	16QAM	1	0	21.32	26.71	30	-3.29
				1	99	21.45	26.84	30	-3.16
				50	25	20.55	25.94	30	-4.06
				100	0	20.31	25.70	30	-4.30
20	20050	1720.0	64QAM	1	0	20.49	25.88	30	-4.12
				1	99	20.20	25.59	30	-4.41
				50	25	20.12	25.51	30	-4.49
				100	0	20.38	25.77	30	-4.23
	20175	1732.5	64QAM	1	0	19.72	25.11	30	-4.89
				1	99	19.61	25.00	30	-5.00
				50	25	18.53	23.92	30	-6.08
				100	0	20.20	25.59	30	-4.41
	20300	1745.0	64QAM	1	0	20.81	26.20	30	-3.80
				1	99	20.08	25.47	30	-4.53
				50	25	20.02	25.41	30	-4.59
				100	0	20.04	25.43	30	-4.57

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Antenna gain (dBi)		3.67								
LTE Band 12_Uplink frequency band : 699 to 716 MHz										
BW (MHz)	UL Channel	Frequency (MHz)	Modulation	RB Size	RB Offset	Conducted Average (dBm)	EIRP Average (dBm)	ERP Average (dBm)	ERP Limit (dBm)	Margin (dB)
1.4	23017	699.7	QPSK	1	0	22.76	26.43	24.28	34.77	-10.49
				1	5	22.87	26.54	24.39	34.77	-10.38
				3	2	22.88	26.55	24.40	34.77	-10.37
				6	0	21.61	25.28	23.13	34.77	-11.64
	23095	707.5	QPSK	1	0	22.97	26.64	24.49	34.77	-10.28
				1	5	23.15	26.82	24.67	34.77	-10.10
				3	2	23.05	26.72	24.57	34.77	-10.20
				6	0	22.14	25.81	23.66	34.77	-11.11
	23173	715.3	QPSK	1	0	22.96	26.63	24.48	34.77	-10.29
				1	5	23.12	26.79	24.64	34.77	-10.13
				3	2	23.26	26.93	24.78	34.77	-9.99
				6	0	22.17	25.84	23.69	34.77	-11.08
1.4	23017	699.7	16QAM	1	0	21.82	25.49	23.34	34.77	-11.43
				1	5	21.74	25.41	23.26	34.77	-11.51
				3	2	21.52	25.19	23.04	34.77	-11.73
				6	0	20.76	24.43	22.28	34.77	-12.49
	23095	707.5	16QAM	1	0	22.19	25.86	23.71	34.77	-11.06
				1	5	21.25	24.92	22.77	34.77	-12.00
				3	2	21.81	25.48	23.33	34.77	-11.44
				6	0	20.92	24.59	22.44	34.77	-12.33
	23173	715.3	16QAM	1	0	21.79	25.46	23.31	34.77	-11.46
				1	5	21.71	25.38	23.23	34.77	-11.54
				3	2	22.06	25.73	23.58	34.77	-11.19
				6	0	20.89	24.56	22.41	34.77	-12.36
1.4	23017	699.7	64QAM	1	0	21.55	25.22	23.07	34.77	-11.70
				1	5	21.48	25.15	23.00	34.77	-11.77
				3	2	21.12	24.79	22.64	34.77	-12.13
				6	0	20.58	24.25	22.10	34.77	-12.67
	23095	707.5	64QAM	1	0	22.13	25.80	23.65	34.77	-11.12
				1	5	20.88	24.55	22.40	34.77	-12.37
				3	2	21.13	24.80	22.65	34.77	-12.12
				6	0	20.86	24.53	22.38	34.77	-12.39
	23173	715.3	64QAM	1	0	21.60	25.27	23.12	34.77	-11.65
				1	5	21.64	25.31	23.16	34.77	-11.61
				3	2	21.94	25.61	23.46	34.77	-11.31
				6	0	20.75	24.42	22.27	34.77	-12.50

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LTE Band 12_Uplink frequency band : 699 to 716 MHz										
BW (MHz)	UL Channel	Frequency (MHz)	Modulation	RB Size	RB Offset	Conducted Average (dBm)	EIRP Average (dBm)	ERP Average (dBm)	ERP Limit (dBm)	Margin (dB)
3	23025	700.5	QPSK	1	0	22.82	26.49	24.34	34.77	-10.43
				1	14	22.83	26.50	24.35	34.77	-10.42
				8	4	21.70	25.37	23.22	34.77	-11.55
				15	0	21.67	25.34	23.19	34.77	-11.58
	23095	707.5	QPSK	1	0	23.10	26.77	24.62	34.77	-10.15
				1	14	23.00	26.67	24.52	34.77	-10.25
				8	4	22.15	25.82	23.67	34.77	-11.10
				15	0	22.08	25.75	23.60	34.77	-11.17
	23165	714.5	QPSK	1	0	22.69	26.36	24.21	34.77	-10.56
				1	14	23.07	26.74	24.59	34.77	-10.18
				8	4	22.13	25.80	23.65	34.77	-11.12
				15	0	22.07	25.74	23.59	34.77	-11.18
3	23025	700.5	16QAM	1	0	21.17	24.84	22.69	34.77	-12.08
				1	14	21.30	24.97	22.82	34.77	-11.95
				8	4	21.36	25.03	22.88	34.77	-11.89
				15	0	20.71	24.38	22.23	34.77	-12.54
	23095	707.5	16QAM	1	0	21.71	25.38	23.23	34.77	-11.54
				1	14	21.83	25.50	23.35	34.77	-11.42
				8	4	21.16	24.83	22.68	34.77	-12.09
				15	0	21.08	24.75	22.60	34.77	-12.17
	23165	714.5	16QAM	1	0	21.46	25.13	22.98	34.77	-11.79
				1	14	21.94	25.61	23.46	34.77	-11.31
				8	4	21.05	24.72	22.57	34.77	-12.20
				15	0	21.15	24.82	22.67	34.77	-12.10
3	23025	700.5	64QAM	1	0	21.14	24.81	22.66	34.77	-12.11
				1	14	21.22	24.89	22.74	34.77	-12.03
				8	4	20.79	24.46	22.31	34.77	-12.46
				15	0	20.62	24.29	22.14	34.77	-12.63
	23095	707.5	64QAM	1	0	21.65	25.32	23.17	34.77	-11.60
				1	14	21.67	25.34	23.19	34.77	-11.58
				8	4	21.11	24.78	22.63	34.77	-12.14
				15	0	21.03	24.70	22.55	34.77	-12.22
	23165	714.5	64QAM	1	0	21.15	24.82	22.67	34.77	-12.10
				1	14	21.55	25.22	23.07	34.77	-11.70
				8	4	20.85	24.52	22.37	34.77	-12.40
				15	0	21.00	24.67	22.52	34.77	-12.25

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LTE Band 12_Uplink frequency band : 699 to 716 MHz										
BW (MHz)	UL Channel	Frequency (MHz)	Modulation	RB Size	RB Offset	Conducted Average (dBm)	EIRP Average (dBm)	ERP Average (dBm)	ERP Limit (dBm)	Margin (dB)
5	23035	701.5	QPSK	1	0	22.65	26.32	24.17	34.77	-10.60
				1	24	22.83	26.50	24.35	34.77	-10.42
				12	6	21.69	25.36	23.21	34.77	-11.56
				25	0	21.70	25.37	23.22	34.77	-11.55
	23095	707.5	QPSK	1	0	22.85	26.52	24.37	34.77	-10.40
				1	24	22.80	26.47	24.32	34.77	-10.45
				12	6	22.02	25.69	23.54	34.77	-11.23
				25	0	22.02	25.69	23.54	34.77	-11.23
	23155	713.5	QPSK	1	0	22.56	26.23	24.08	34.77	-10.69
				1	24	22.99	26.66	24.51	34.77	-10.26
				12	6	21.96	25.63	23.48	34.77	-11.29
				25	0	21.95	25.62	23.47	34.77	-11.30
5	23035	701.5	16QAM	1	0	21.22	24.89	22.74	34.77	-12.03
				1	24	21.15	24.82	22.67	34.77	-12.10
				12	6	20.60	24.27	22.12	34.77	-12.65
				25	0	20.65	24.32	22.17	34.77	-12.60
	23095	707.5	16QAM	1	0	21.73	25.40	23.25	34.77	-11.52
				1	24	21.67	25.34	23.19	34.77	-11.58
				12	6	21.19	24.86	22.71	34.77	-12.06
				25	0	21.23	24.90	22.75	34.77	-12.02
	23155	713.5	16QAM	1	0	21.28	24.95	22.80	34.77	-11.97
				1	24	21.77	25.44	23.29	34.77	-11.48
				12	6	20.95	24.62	22.47	34.77	-12.30
				25	0	21.04	24.71	22.56	34.77	-12.21
5	23035	701.5	64QAM	1	0	20.97	24.64	22.49	34.77	-12.28
				1	24	21.05	24.72	22.57	34.77	-12.20
				12	6	20.48	24.15	22.00	34.77	-12.77
				25	0	20.50	24.17	22.02	34.77	-12.75
	23095	707.5	64QAM	1	0	21.54	25.21	23.06	34.77	-11.71
				1	24	21.63	25.30	23.15	34.77	-11.62
				12	6	20.84	24.51	22.36	34.77	-12.41
				25	0	21.09	24.76	22.61	34.77	-12.16
	23155	713.5	64QAM	1	0	21.23	24.90	22.75	34.77	-12.02
				1	24	21.67	25.34	23.19	34.77	-11.58
				12	6	20.73	24.40	22.25	34.77	-12.52
				25	0	20.92	24.59	22.44	34.77	-12.33

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LTE Band 12_Uplink frequency band : 699 to 716 MHz										
BW (MHz)	UL Channel	Frequency (MHz)	Modulation	RB Size	RB Offset	Conducted Average (dBm)	EIRP Average (dBm)	ERP Average (dBm)	ERP Limit (dBm)	Margin (dB)
10	23060	704.0	QPSK	1	0	22.88	26.55	24.40	34.77	-10.37
				1	49	23.29	26.96	24.81	34.77	-9.96
				25	12	21.68	25.35	23.20	34.77	-11.57
				50	0	21.34	25.01	22.86	34.77	-11.91
	23095	707.5	QPSK	1	0	22.70	26.37	24.22	34.77	-10.55
				1	49	22.91	26.58	24.43	34.77	-10.34
				25	12	22.08	25.75	23.60	34.77	-11.17
				50	0	21.83	25.50	23.35	34.77	-11.42
	23130	711.0	QPSK	1	0	23.10	26.77	24.62	34.77	-10.15
				1	49	22.75	26.42	24.27	34.77	-10.50
				25	12	21.89	25.56	23.41	34.77	-11.36
				50	0	21.95	25.62	23.47	34.77	-11.30
10	23060	704.0	16QAM	1	0	21.42	25.09	22.94	34.77	-11.83
				1	49	21.79	25.46	23.31	34.77	-11.46
				25	12	21.05	24.72	22.57	34.77	-12.20
				50	0	21.04	24.71	22.56	34.77	-12.21
	23095	707.5	16QAM	1	0	21.50	25.17	23.02	34.77	-11.75
				1	49	21.70	25.37	23.22	34.77	-11.55
				25	12	21.65	25.32	23.17	34.77	-11.60
				50	0	20.96	24.63	22.48	34.77	-12.29
	23130	711.0	16QAM	1	0	21.89	25.56	23.41	34.77	-11.36
				1	49	22.12	25.79	23.64	34.77	-11.13
				25	12	20.92	24.59	22.44	34.77	-12.33
				50	0	20.91	24.58	22.43	34.77	-12.34
10	23060	704.0	64QAM	1	0	20.39	24.06	21.91	34.77	-12.86
				1	49	20.60	24.27	22.12	34.77	-12.65
				25	12	20.54	24.21	22.06	34.77	-12.71
				50	0	20.89	24.56	22.41	34.77	-12.36
	23095	707.5	64QAM	1	0	20.67	24.34	22.19	34.77	-12.58
				1	49	21.65	25.32	23.17	34.77	-11.60
				25	12	21.09	24.76	22.61	34.77	-12.16
				50	0	20.84	24.51	22.36	34.77	-12.41
	23130	711.0	64QAM	1	0	20.72	24.39	22.24	34.77	-12.53
				1	49	21.29	24.96	22.81	34.77	-11.96
				25	12	20.84	24.51	22.36	34.77	-12.41
				50	0	20.72	24.39	22.24	34.77	-12.53

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Antenna gain (dBi)		4.15								
LTE Band 13_Uplink frequency band : 777 to 787 MHz										
BW (MHz)	UL Channel	Frequency (MHz)	Modulation	RB Size	RB Offset	Conducted Average (dBm)	EIRP Average (dBm)	ERP Average (dBm)	ERP Limit (dBm)	Margin (dB)
5	23205	779.5	QPSK	1	0	22.83	26.98	24.83	34.77	-9.94
				1	24	22.51	26.66	24.51	34.77	-10.26
				12	6	21.35	25.50	23.35	34.77	-11.42
				25	0	21.27	25.42	23.27	34.77	-11.50
	23230	782.0	QPSK	1	0	22.51	26.66	24.51	34.77	-10.26
				1	24	22.45	26.60	24.45	34.77	-10.32
				12	6	21.51	25.66	23.51	34.77	-11.26
				25	0	21.48	25.63	23.48	34.77	-11.29
	23255	784.5	QPSK	1	0	22.55	26.70	24.55	34.77	-10.22
				1	24	22.48	26.63	24.48	34.77	-10.29
				12	6	21.54	25.69	23.54	34.77	-11.23
				25	0	21.51	25.66	23.51	34.77	-11.26
5	23205	779.5	16QAM	1	0	21.18	25.33	23.18	34.77	-11.59
				1	24	20.93	25.08	22.93	34.77	-11.84
				12	6	20.23	24.38	22.23	34.77	-12.54
				25	0	20.65	24.80	22.65	34.77	-12.12
	23230	782.0	16QAM	1	0	21.12	25.27	23.12	34.77	-11.65
				1	24	21.12	25.27	23.12	34.77	-11.65
				12	6	20.43	24.58	22.43	34.77	-12.34
				25	0	20.49	24.64	22.49	34.77	-12.28
	23255	784.5	16QAM	1	0	21.02	25.17	23.02	34.77	-11.75
				1	24	20.87	25.02	22.87	34.77	-11.90
				12	6	20.46	24.61	22.46	34.77	-12.31
				25	0	20.63	24.78	22.63	34.77	-12.14
5	23205	779.5	64QAM	1	0	20.55	24.70	22.55	34.77	-12.22
				1	24	20.32	24.47	22.32	34.77	-12.45
				12	6	20.13	24.28	22.13	34.77	-12.64
				25	0	20.36	24.51	22.36	34.77	-12.41
	23230	782.0	64QAM	1	0	20.88	25.03	22.88	34.77	-11.89
				1	24	20.85	25.00	22.85	34.77	-11.92
				12	6	20.27	24.42	22.27	34.77	-12.50
				25	0	20.39	24.54	22.39	34.77	-12.38
	23255	784.5	64QAM	1	0	20.52	24.67	22.52	34.77	-12.25
				1	24	20.60	24.75	22.60	34.77	-12.17
				12	6	20.40	24.55	22.40	34.77	-12.37
				25	0	20.45	24.60	22.45	34.77	-12.32

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Antenna gain (dBi)		4.15								
LTE Band 13_Uplink frequency band : 777 to 787 MHz										
BW (MHz)	UL Channel	Frequency (MHz)	Modulation	RB Size	RB Offset	Conducted Average (dBm)	EIRP Average (dBm)	ERP Average (dBm)	ERP Limit (dBm)	Margin (dB)
10	23230	782.0	QPSK	1	0	22.62	26.77	24.62	34.77	-10.15
				1	49	21.48	25.63	23.48	34.77	-11.29
				25	12	21.60	25.75	23.60	34.77	-11.17
				50	0	21.11	25.26	23.11	34.77	-11.66
10	23230	782.0	16QAM	1	0	20.93	25.08	22.93	34.77	-11.84
				1	49	20.93	25.08	22.93	34.77	-11.84
				25	12	20.59	24.74	22.59	34.77	-12.18
				50	0	20.55	24.70	22.55	34.77	-12.22
10	23230	782.0	64QAM	1	0	19.89	24.04	21.89	34.77	-12.88
				1	49	20.66	24.81	22.66	34.77	-12.11
				25	12	20.54	24.69	22.54	34.77	-12.23
				50	0	20.54	24.69	22.54	34.77	-12.23

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Antenna gain (dBi)		4.01								
LTE Band 17_Uplink frequency band : 704 to 716 MHz										
BW (MHz)	UL Channel	Frequency (MHz)	Modulation	RB Size	RB Offset	Conducted Average (dBm)	EIRP Average (dBm)	ERP Average (dBm)	ERP Limit (dBm)	Margin (dB)
5	23755	706.5	QPSK	1	0	22.67	26.68	24.53	34.77	-10.24
				1	24	22.77	26.78	24.63	34.77	-10.14
				12	6	22.05	26.06	23.91	34.77	-10.86
				25	0	21.85	25.86	23.71	34.77	-11.06
	23790	710.0	QPSK	1	0	23.04	27.05	24.90	34.77	-9.87
				1	24	22.89	26.90	24.75	34.77	-10.02
				12	6	21.60	25.61	23.46	34.77	-11.31
				25	0	21.69	25.70	23.55	34.77	-11.22
	23825	713.5	QPSK	1	0	22.71	26.72	24.57	34.77	-10.20
				1	24	23.05	27.06	24.91	34.77	-9.86
				12	6	22.04	26.05	23.90	34.77	-10.87
				25	0	21.97	25.98	23.83	34.77	-10.94
5	23755	706.5	16QAM	1	0	21.37	25.38	23.23	34.77	-11.54
				1	24	21.47	25.48	23.33	34.77	-11.44
				12	6	20.76	24.77	22.62	34.77	-12.15
				25	0	20.85	24.86	22.71	34.77	-12.06
	23790	710.0	16QAM	1	0	21.60	25.61	23.46	34.77	-11.31
				1	24	21.47	25.48	23.33	34.77	-11.44
				12	6	20.52	24.53	22.38	34.77	-12.39
				25	0	20.78	24.79	22.64	34.77	-12.13
	23825	713.5	16QAM	1	0	21.02	25.03	22.88	34.77	-11.89
				1	24	21.27	25.28	23.13	34.77	-11.64
				12	6	20.62	24.63	22.48	34.77	-12.29
				25	0	20.92	24.93	22.78	34.77	-11.99
5	23755	706.5	64QAM	1	0	20.75	24.76	22.61	34.77	-12.16
				1	24	20.54	24.55	22.40	34.77	-12.37
				12	6	20.57	24.58	22.43	34.77	-12.34
				25	0	20.55	24.56	22.41	34.77	-12.36
	23790	710.0	64QAM	1	0	21.35	25.36	23.21	34.77	-11.56
				1	24	20.98	24.99	22.84	34.77	-11.93
				12	6	20.46	24.47	22.32	34.77	-12.45
				25	0	20.61	24.62	22.47	34.77	-12.30
	23825	713.5	64QAM	1	0	20.89	24.90	22.75	34.77	-12.02
				1	24	20.99	25.00	22.85	34.77	-11.92
				12	6	20.50	24.51	22.36	34.77	-12.41
				25	0	20.61	24.62	22.47	34.77	-12.30

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Antenna gain (dBi)		4.01								
LTE Band 17_Uplink frequency band : 704 to 716 MHz										
BW (MHz)	UL Channel	Frequency (MHz)	Modulation	RB Size	RB Offset	Conducted Average (dBm)	EIRP Average (dBm)	ERP Average (dBm)	ERP Limit (dBm)	Margin (dB)
10	23780	709.0	QPSK	1	0	22.47	26.48	24.33	34.77	-10.44
				1	49	22.66	26.67	24.52	34.77	-10.25
				25	12	21.98	25.99	23.84	34.77	-10.93
				50	0	21.96	25.97	23.82	34.77	-10.95
	23790	710.0	QPSK	1	0	22.34	26.35	24.20	34.77	-10.57
				1	49	22.54	26.55	24.40	34.77	-10.37
				25	12	21.84	25.85	23.70	34.77	-11.07
				50	0	21.93	25.94	23.79	34.77	-10.98
	23800	711.0	QPSK	1	0	23.13	27.14	24.99	34.77	-9.78
				1	49	23.03	27.04	24.89	34.77	-9.88
				25	12	21.81	25.82	23.67	34.77	-11.10
				50	0	21.97	25.98	23.83	34.77	-10.94
10	23780	709.0	16QAM	1	0	21.84	25.85	23.70	34.77	-11.07
				1	49	22.04	26.05	23.90	34.77	-10.87
				25	12	21.02	25.03	22.88	34.77	-11.89
				50	0	21.00	25.01	22.86	34.77	-11.91
	23790	710.0	16QAM	1	0	21.46	25.47	23.32	34.77	-11.45
				1	49	21.73	25.74	23.59	34.77	-11.18
				25	12	20.98	24.99	22.84	34.77	-11.93
				50	0	20.80	24.81	22.66	34.77	-12.11
	23800	711.0	16QAM	1	0	21.42	25.43	23.28	34.77	-11.49
				1	49	21.75	25.76	23.61	34.77	-11.16
				25	12	20.52	24.53	22.38	34.77	-12.39
				50	0	20.81	24.82	22.67	34.77	-12.10
10	23780	709.0	64QAM	1	0	21.48	25.49	23.34	34.77	-11.43
				1	49	21.59	25.60	23.45	34.77	-11.32
				25	12	20.54	24.55	22.40	34.77	-12.37
				50	0	20.92	24.93	22.78	34.77	-11.99
	23790	710.0	64QAM	1	0	20.12	24.13	21.98	34.77	-12.79
				1	49	21.33	25.34	23.19	34.77	-11.58
				25	12	20.78	24.79	22.64	34.77	-12.13
				50	0	20.57	24.58	22.43	34.77	-12.34
	23800	711.0	64QAM	1	0	21.25	25.26	23.11	34.77	-11.66
				1	49	21.62	25.63	23.48	34.77	-11.29
				25	12	20.35	24.36	22.21	34.77	-12.56
				50	0	20.50	24.51	22.36	34.77	-12.41

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Antenna gain (dBi)		5.18							
LTE Band 66_Uplink frequency band : 1710 to 1780 MHz									
BW (MHz)	UL Channel	Frequency (MHz)	Modulation	RB Size	RB Offset	Conducted Average (dBm)	EIRP Average (dBm)	EIRP Limit (dBm)	Margin (dB)
1.4	131979	1710.7	QPSK	1	0	22.08	27.26	30	-2.74
				1	5	22.32	27.50	30	-2.5
				3	2	22.29	27.47	30	-2.53
				6	0	21.32	26.50	30	-3.5
	132322	1745.0	QPSK	1	0	21.98	27.16	30	-2.84
				1	5	21.84	27.02	30	-2.98
				3	2	21.96	27.14	30	-2.86
				6	0	20.83	26.01	30	-3.99
	132665	1779.3	QPSK	1	0	22.08	27.26	30	-2.74
				1	5	21.94	27.12	30	-2.88
				3	2	22.00	27.18	30	-2.82
				6	0	20.83	26.01	30	-3.99
1.4	131979	1710.7	16QAM	1	0	21.05	26.23	30	-3.77
				1	5	21.42	26.60	30	-3.4
				3	2	21.32	26.50	30	-3.5
				6	0	20.54	25.72	30	-4.28
	132322	1745.0	16QAM	1	0	20.84	26.02	30	-3.98
				1	5	20.85	26.03	30	-3.97
				3	2	20.73	25.91	30	-4.09
				6	0	19.78	24.96	30	-5.04
	132665	1779.3	16QAM	1	0	20.64	25.82	30	-4.18
				1	5	20.48	25.66	30	-4.34
				3	2	21.29	26.47	30	-3.53
				6	0	19.72	24.90	30	-5.1
1.4	131979	1710.7	64QAM	1	0	20.72	25.90	30	-4.1
				1	5	20.04	25.22	30	-4.78
				3	2	21.20	26.38	30	-3.62
				6	0	20.43	25.61	30	-4.39
	132322	1745.0	64QAM	1	0	20.76	25.94	30	-4.06
				1	5	20.53	25.71	30	-4.29
				3	2	20.45	25.63	30	-4.37
				6	0	19.48	24.66	30	-5.34
	132665	1779.3	64QAM	1	0	20.14	25.32	30	-4.68
				1	5	20.15	25.33	30	-4.67
				3	2	20.89	26.07	30	-3.93
				6	0	19.46	24.64	30	-5.36

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Antenna gain (dBi)		5.18							
LTE Band 66_Uplink frequency band : 1710 to 1780 MHz									
BW (MHz)	UL Channel	Frequency (MHz)	Modulation	RB Size	RB Offset	Conducted Average (dBm)	EIRP Average (dBm)	EIRP Limit (dBm)	Margin (dB)
3	131987	1711.5	QPSK	1	0	22.27	27.45	30	-2.55
				1	14	22.15	27.33	30	-2.67
				8	4	21.28	26.46	30	-3.54
				15	0	21.21	26.39	30	-3.61
	132322	1745.0	QPSK	1	0	22.13	27.31	30	-2.69
				1	14	21.92	27.10	30	-2.9
				8	4	20.91	26.09	30	-3.91
				15	0	20.93	26.11	30	-3.89
	132657	1778.5	QPSK	1	0	21.68	26.86	30	-3.14
				1	14	21.99	27.17	30	-2.83
				8	4	20.97	26.15	30	-3.85
				15	0	21.04	26.22	30	-3.78
3	131987	1711.5	16QAM	1	0	20.66	25.84	30	-4.16
				1	14	20.78	25.96	30	-4.04
				8	4	20.37	25.55	30	-4.45
				15	0	20.27	25.45	30	-4.55
	132322	1745.0	16QAM	1	0	21.08	26.26	30	-3.74
				1	14	20.62	25.80	30	-4.2
				8	4	19.83	25.01	30	-4.99
				15	0	19.62	24.80	30	-5.2
	132657	1778.5	16QAM	1	0	20.99	26.17	30	-3.83
				1	14	20.37	25.55	30	-4.45
				8	4	19.80	24.98	30	-5.02
				15	0	19.85	25.03	30	-4.97
3	131987	1711.5	64QAM	1	0	20.21	25.39	30	-4.61
				1	14	20.57	25.75	30	-4.25
				8	4	20.36	25.54	30	-4.46
				15	0	20.14	25.32	30	-4.68
	132322	1745.0	64QAM	1	0	20.66	25.84	30	-4.16
				1	14	20.18	25.36	30	-4.64
				8	4	19.72	24.90	30	-5.1
				15	0	19.42	24.60	30	-5.4
	132657	1778.5	64QAM	1	0	20.67	25.85	30	-4.15
				1	14	20.32	25.50	30	-4.5
				8	4	19.61	24.79	30	-5.21
				15	0	19.65	24.83	30	-5.17

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Antenna gain (dBi)		5.18							
LTE Band 66_Uplink frequency band : 1710 to 1780 MHz									
BW (MHz)	UL Channel	Frequency (MHz)	Modulation	RB Size	RB Offset	Conducted Average (dBm)	EIRP Average (dBm)	EIRP Limit (dBm)	Margin (dB)
5	131997	1712.5	QPSK	1	0	22.20	27.38	30	-2.62
				1	24	22.26	27.44	30	-2.56
				12	6	21.27	26.45	30	-3.55
				25	0	21.30	26.48	30	-3.52
	132322	1745.0	QPSK	1	0	21.94	27.12	30	-2.88
				1	24	21.98	27.16	30	-2.84
				12	6	20.84	26.02	30	-3.98
				25	0	20.78	25.96	30	-4.04
	132647	1777.5	QPSK	1	0	22.08	27.26	30	-2.74
				1	24	21.92	27.10	30	-2.90
				12	6	20.91	26.09	30	-3.91
				25	0	20.87	26.05	30	-3.95
5	131997	1712.5	16QAM	1	0	21.24	26.42	30	-3.58
				1	24	20.70	25.88	30	-4.12
				12	6	20.20	25.38	30	-4.62
				25	0	20.35	25.53	30	-4.47
	132322	1745.0	16QAM	1	0	20.96	26.14	30	-3.86
				1	24	20.94	26.12	30	-3.88
				12	6	19.99	25.17	30	-4.83
				25	0	19.99	25.17	30	-4.83
	132647	1777.5	16QAM	1	0	20.84	26.02	30	-3.98
				1	24	20.94	26.12	30	-3.88
				12	6	19.93	25.11	30	-4.89
				25	0	19.97	25.15	30	-4.85
5	131997	1712.5	64QAM	1	0	20.84	26.02	30	-3.98
				1	24	20.40	25.58	30	-4.42
				12	6	20.17	25.35	30	-4.65
				25	0	20.19	25.37	30	-4.63
	132322	1745.0	64QAM	1	0	20.14	25.32	30	-4.68
				1	24	20.51	25.69	30	-4.31
				12	6	19.65	24.83	30	-5.17
				25	0	19.88	25.06	30	-4.94
	132647	1777.5	64QAM	1	0	20.76	25.94	30	-4.06
				1	24	20.11	25.29	30	-4.71
				12	6	19.61	24.79	30	-5.21
				25	0	19.68	24.86	30	-5.14

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Antenna gain (dBi)		5.18							
LTE Band 66_Uplink frequency band : 1710 to 1780 MHz									
BW (MHz)	UL Channel	Frequency (MHz)	Modulation	RB Size	RB Offset	Conducted Average (dBm)	EIRP Average (dBm)	EIRP Limit (dBm)	Margin (dB)
10	132022	1715.0	QPSK	1	0	22.42	27.60	30	-2.40
				1	49	22.27	27.45	30	-2.55
				25	12	21.14	26.32	30	-3.68
				50	0	21.06	26.24	30	-3.76
	132322	1745.0	QPSK	1	0	22.43	27.61	30	-2.39
				1	49	22.17	27.35	30	-2.65
				25	12	20.79	25.97	30	-4.03
				50	0	20.96	26.14	30	-3.86
	132622	1775.0	QPSK	1	0	22.06	27.24	30	-2.76
				1	49	21.85	27.03	30	-2.97
				25	12	21.03	26.21	30	-3.79
				50	0	20.84	26.02	30	-3.98
10	132022	1715.0	16QAM	1	0	20.64	25.82	30	-4.18
				1	49	20.66	25.84	30	-4.16
				25	12	20.00	25.18	30	-4.82
				50	0	19.91	25.09	30	-4.91
	132322	1745.0	16QAM	1	0	20.34	25.52	30	-4.48
				1	49	20.20	25.38	30	-4.62
				25	12	19.96	25.14	30	-4.86
				50	0	19.90	25.08	30	-4.92
	132622	1775.0	16QAM	1	0	20.11	25.29	30	-4.71
				1	49	20.55	25.73	30	-4.27
				25	12	19.87	25.05	30	-4.95
				50	0	20.11	25.29	30	-4.71
10	132022	1715.0	64QAM	1	0	20.44	25.62	30	-4.38
				1	49	20.64	25.82	30	-4.18
				25	12	19.85	25.03	30	-4.97
				50	0	19.88	25.06	30	-4.94
	132322	1745.0	64QAM	1	0	20.32	25.50	30	-4.50
				1	49	19.82	25.00	30	-5.00
				25	12	19.87	25.05	30	-4.95
				50	0	19.82	25.00	30	-5.00
	132622	1775.0	64QAM	1	0	19.85	25.03	30	-4.97
				1	49	20.00	25.18	30	-4.82
				25	12	19.65	24.83	30	-5.17
				50	0	19.80	24.98	30	-5.02

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Antenna gain (dBi)		5.18							
LTE Band 66_Uplink frequency band : 1710 to 1780 MHz									
BW (MHz)	UL Channel	Frequency (MHz)	Modulation	RB Size	RB Offset	Conducted Average (dBm)	EIRP Average (dBm)	EIRP Limit (dBm)	Margin (dB)
15	132047	1717.5	QPSK	1	0	20.98	26.16	30	-3.84
				1	74	22.12	27.30	30	-2.70
				36	18	21.18	26.36	30	-3.64
				75	0	21.09	26.27	30	-3.73
	132322	1745.0	QPSK	1	0	22.23	27.41	30	-2.59
				1	74	22.01	27.19	30	-2.81
				36	18	21.24	26.42	30	-3.58
				75	0	20.89	26.07	30	-3.93
	132597	1772.5	QPSK	1	0	21.55	26.73	30	-3.27
				1	74	21.10	26.28	30	-3.72
				36	18	20.96	26.14	30	-3.86
				75	0	20.94	26.12	30	-3.88
15	132047	1717.5	16QAM	1	0	20.74	25.92	30	-4.08
				1	74	20.78	25.96	30	-4.04
				36	18	20.06	25.24	30	-4.76
				75	0	20.13	25.31	30	-4.69
	132322	1745.0	16QAM	1	0	21.10	26.28	30	-3.72
				1	74	20.44	25.62	30	-4.38
				36	18	19.89	25.07	30	-4.93
				75	0	19.91	25.09	30	-4.91
	132597	1772.5	16QAM	1	0	20.95	26.13	30	-3.87
				1	74	20.39	25.57	30	-4.43
				36	18	19.84	25.02	30	-4.98
				75	0	19.87	25.05	30	-4.95
15	132047	1717.5	64QAM	1	0	20.52	25.70	30	-4.30
				1	74	20.62	25.80	30	-4.20
				36	18	20.00	25.18	30	-4.82
				75	0	20.03	25.21	30	-4.79
	132322	1745.0	64QAM	1	0	20.21	25.39	30	-4.61
				1	74	20.03	25.21	30	-4.79
				36	18	19.86	25.04	30	-4.96
				75	0	19.87	25.05	30	-4.95
	132597	1772.5	64QAM	1	0	20.27	25.45	30	-4.55
				1	74	19.66	24.84	30	-5.16
				36	18	19.78	24.96	30	-5.04
				75	0	19.70	24.88	30	-5.12

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Antenna gain (dBi)		5.18							
LTE Band 66_Uplink frequency band : 1710 to 1780 MHz									
BW (MHz)	UL Channel	Frequency (MHz)	Modulation	RB Size	RB Offset	Conducted Average (dBm)	EIRP Average (dBm)	EIRP Limit (dBm)	Margin (dB)
20	132072	1720.0	QPSK	1	0	21.95	27.13	30	-2.87
				1	99	21.78	26.96	30	-3.04
				50	25	21.10	26.28	30	-3.72
				100	0	21.13	26.31	30	-3.69
	132322	1745.0	QPSK	1	0	22.11	27.29	30	-2.71
				1	99	21.81	26.99	30	-3.01
				50	25	20.98	26.16	30	-3.84
				100	0	21.01	26.19	30	-3.81
	132572	1770.0	QPSK	1	0	21.78	26.96	30	-3.04
				1	99	21.79	26.97	30	-3.03
				50	25	20.95	26.13	30	-3.87
				100	0	20.88	26.06	30	-3.94
20	132072	1720.0	16QAM	1	0	21.06	26.24	30	-3.76
				1	99	20.48	25.66	30	-4.34
				50	25	20.31	25.49	30	-4.51
				100	0	20.03	25.21	30	-4.79
	132322	1745.0	16QAM	1	0	20.86	26.04	30	-3.96
				1	99	20.43	25.61	30	-4.39
				50	25	19.97	25.15	30	-4.85
				100	0	19.66	24.84	30	-5.16
	132572	1770.0	16QAM	1	0	20.63	25.81	30	-4.19
				1	99	20.37	25.55	30	-4.45
				50	25	19.97	25.15	30	-4.85
				100	0	19.79	24.97	30	-5.03
20	132072	1720.0	64QAM	1	0	20.56	25.74	30	-4.26
				1	99	20.11	25.29	30	-4.71
				50	25	20.15	25.33	30	-4.67
				100	0	19.97	25.15	30	-4.85
	132322	1745.0	64QAM	1	0	20.08	25.26	30	-4.74
				1	99	20.19	25.37	30	-4.63
				50	25	19.88	25.06	30	-4.94
				100	0	19.62	24.80	30	-5.20
	132572	1770.0	64QAM	1	0	20.40	25.58	30	-4.42
				1	99	20.22	25.40	30	-4.60
				50	25	19.91	25.09	30	-4.91
				100	0	19.64	24.82	30	-5.18

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Antenna gain (dBi)		3.54							
LTE Band 71_Uplink frequency band : 663 to 698 MHz									
BW (MHz)	UL Channel	Frequency (MHz)	Modulation	RB Size	RB Offset	Conducted Average (dBm)	EIRP Average (dBm)	ERP Average (dBm)	ERP Limit (dBm)
5	133147	665.5	QPSK	1	0	22.58	26.12	23.97	34.77
				1	24	22.66	26.20	24.05	34.77
				12	6	21.73	25.27	23.12	34.77
				25	0	21.58	25.12	22.97	34.77
	133297	680.5	QPSK	1	0	22.38	25.92	23.77	34.77
				1	24	22.86	26.40	24.25	34.77
				12	6	21.51	25.05	22.90	34.77
				25	0	21.37	24.91	22.76	34.77
	133447	695.5	QPSK	1	0	22.43	25.97	23.82	34.77
				1	24	22.47	26.01	23.86	34.77
				12	6	21.62	25.16	23.01	34.77
				25	0	21.50	25.04	22.89	34.77
5	133147	665.5	16QAM	1	0	21.32	24.86	22.71	34.77
				1	24	20.95	24.49	22.34	34.77
				12	6	20.42	23.96	21.81	34.77
				25	0	20.52	24.06	21.91	34.77
	133297	680.5	16QAM	1	0	21.34	24.88	22.73	34.77
				1	24	21.30	24.84	22.69	34.77
				12	6	20.41	23.95	21.80	34.77
				25	0	20.50	24.04	21.89	34.77
	133447	695.5	16QAM	1	0	21.35	24.89	22.74	34.77
				1	24	21.03	24.57	22.42	34.77
				12	6	20.45	23.99	21.84	34.77
				25	0	20.46	24.00	21.85	34.77
5	133147	665.5	64QAM	1	0	21.30	24.84	22.69	34.77
				1	24	20.87	24.41	22.26	34.77
				12	6	20.26	23.80	21.65	34.77
				25	0	20.43	23.97	21.82	34.77
	133297	680.5	64QAM	1	0	21.30	24.84	22.69	34.77
				1	24	21.03	24.57	22.42	34.77
				12	6	20.39	23.93	21.78	34.77
				25	0	20.45	23.99	21.84	34.77

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Antenna gain (dBi)		3.54								
LTE Band 71_Uplink frequency band : 663 to 698 MHz										
BW (MHz)	UL Channel	Frequency (MHz)	Modulation	RB Size	RB Offset	Conducted Average (dBm)	EIRP Average (dBm)	ERP Average (dBm)	ERP Limit (dBm)	Margin (dB)
10	133172	668.0	QPSK	1	0	22.65	26.19	24.04	34.77	-10.73
				1	49	22.51	26.05	23.90	34.77	-10.87
				25	12	21.67	25.21	23.06	34.77	-11.71
				50	0	21.55	25.09	22.94	34.77	-11.83
	133297	680.5	QPSK	1	0	22.65	26.19	24.04	34.77	-10.73
				1	49	22.62	26.16	24.01	34.77	-10.76
				25	12	21.49	25.03	22.88	34.77	-11.89
				50	0	21.53	25.07	22.92	34.77	-11.85
	133422	693.0	QPSK	1	0	22.53	26.07	23.92	34.77	-10.85
				1	49	22.57	26.11	23.96	34.77	-10.81
				25	12	21.48	25.02	22.87	34.77	-11.90
				50	0	21.50	25.04	22.89	34.77	-11.88
10	133172	668.0	16QAM	1	0	21.67	25.21	23.06	34.77	-11.71
				1	49	21.17	24.71	22.56	34.77	-12.21
				25	12	20.62	24.16	22.01	34.77	-12.76
				50	0	20.62	24.16	22.01	34.77	-12.76
	133297	680.5	16QAM	1	0	21.33	24.87	22.72	34.77	-12.05
				1	49	21.54	25.08	22.93	34.77	-11.84
				25	12	20.63	24.17	22.02	34.77	-12.75
				50	0	20.48	24.02	21.87	34.77	-12.90
	133422	693.0	16QAM	1	0	21.66	25.20	23.05	34.77	-11.72
				1	49	21.25	24.79	22.64	34.77	-12.13
				25	12	20.48	24.02	21.87	34.77	-12.90
				50	0	20.41	23.95	21.80	34.77	-12.97
10	133172	668.0	64QAM	1	0	21.23	24.77	22.62	34.77	-12.15
				1	49	21.03	24.57	22.42	34.77	-12.35
				25	12	20.44	23.98	21.83	34.77	-12.94
				50	0	20.59	24.13	21.98	34.77	-12.79
	133297	680.5	64QAM	1	0	21.16	24.70	22.55	34.77	-12.22
				1	49	21.37	24.91	22.76	34.77	-12.01
				25	12	20.54	24.08	21.93	34.77	-12.84
				50	0	20.40	23.94	21.79	34.77	-12.98

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Antenna gain (dBi)		3.54								
LTE Band 71_Uplink frequency band : 663 to 698 MHz										
BW (MHz)	UL Channel	Frequency (MHz)	Modulation	RB Size	RB Offset	Conducted Average (dBm)	EIRP Average (dBm)	ERP Average (dBm)	ERP Limit (dBm)	Margin (dB)
15	133197	670.5	QPSK	1	0	22.63	26.17	24.02	34.77	-10.75
				1	74	22.57	26.11	23.96	34.77	-10.81
				36	18	21.87	25.41	23.26	34.77	-11.51
				75	0	21.66	25.20	23.05	34.77	-11.72
	133297	680.5	QPSK	1	0	22.65	26.19	24.04	34.77	-10.73
				1	74	22.54	26.08	23.93	34.77	-10.84
				36	18	21.57	25.11	22.96	34.77	-11.81
				75	0	21.44	24.98	22.83	34.77	-11.94
	133397	690.5	QPSK	1	0	22.66	26.20	24.05	34.77	-10.72
				1	74	22.40	25.94	23.79	34.77	-10.98
				36	18	21.53	25.07	22.92	34.77	-11.85
				75	0	21.36	24.90	22.75	34.77	-12.02
15	133197	670.5	16QAM	1	0	21.70	25.24	23.09	34.77	-11.68
				1	74	21.37	24.91	22.76	34.77	-12.01
				36	18	20.62	24.16	22.01	34.77	-12.76
				75	0	20.63	24.17	22.02	34.77	-12.75
	133297	680.5	16QAM	1	0	21.30	24.84	22.69	34.77	-12.08
				1	74	21.38	24.92	22.77	34.77	-12.00
				36	18	20.46	24.00	21.85	34.77	-12.92
				75	0	20.44	23.98	21.83	34.77	-12.94
	133397	690.5	16QAM	1	0	21.42	24.96	22.81	34.77	-11.96
				1	74	21.45	24.99	22.84	34.77	-11.93
				36	18	20.56	24.10	21.95	34.77	-12.82
				75	0	20.38	23.92	21.77	34.77	-13.00
15	133197	670.5	64QAM	1	0	21.08	24.62	22.47	34.77	-12.30
				1	74	21.01	24.55	22.40	34.77	-12.37
				36	18	20.53	24.07	21.92	34.77	-12.85
				75	0	20.62	24.16	22.01	34.77	-12.76
	133297	680.5	64QAM	1	0	21.16	24.70	22.55	34.77	-12.22
				1	74	21.03	24.57	22.42	34.77	-12.35
				36	18	20.42	23.96	21.81	34.77	-12.96
				75	0	20.30	23.84	21.69	34.77	-13.08

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Antenna gain (dBi)		3.54								
LTE Band 71_Uplink frequency band : 663 to 698 MHz										
BW (MHz)	UL Channel	Frequency (MHz)	Modulation	RB Size	RB Offset	Conducted Average (dBm)	EIRP Average (dBm)	ERP Average (dBm)	ERP Limit (dBm)	Margin (dB)
20	133222	673.0	QPSK	1	0	22.51	26.05	23.90	34.77	-10.87
				1	99	22.61	26.15	24.00	34.77	-10.77
				50	25	21.65	25.19	23.04	34.77	-11.73
				100	0	21.67	25.21	23.06	34.77	-11.71
	133297	680.5	QPSK	1	0	22.53	26.07	23.92	34.77	-10.85
				1	99	21.99	25.53	23.38	34.77	-11.39
				50	25	21.63	25.17	23.02	34.77	-11.75
				100	0	21.52	25.06	22.91	34.77	-11.86
	133372	688.0	QPSK	1	0	22.47	26.01	23.86	34.77	-10.91
				1	99	22.56	26.10	23.95	34.77	-10.82
				50	25	21.57	25.11	22.96	34.77	-11.81
				100	0	21.38	24.92	22.77	34.77	-12.00
20	133222	673.0	16QAM	1	0	20.81	24.35	22.20	34.77	-12.57
				1	99	21.21	24.75	22.60	34.77	-12.17
				50	25	20.58	24.12	21.97	34.77	-12.80
				100	0	20.50	24.04	21.89	34.77	-12.88
	133297	680.5	16QAM	1	0	21.03	24.57	22.42	34.77	-12.35
				1	99	21.33	24.87	22.72	34.77	-12.05
				50	25	20.67	24.21	22.06	34.77	-12.71
				100	0	20.44	23.98	21.83	34.77	-12.94
	133372	688.0	16QAM	1	0	20.44	23.98	21.83	34.77	-12.94
				1	99	20.41	23.95	21.80	34.77	-12.97
				50	25	20.72	24.26	22.11	34.77	-12.66
				100	0	20.43	23.97	21.82	34.77	-12.95
20	133222	673.0	64QAM	1	0	20.58	24.12	21.97	34.77	-12.80
				1	99	20.83	24.37	22.22	34.77	-12.55
				50	25	20.30	23.84	21.69	34.77	-13.08
				100	0	20.39	23.93	21.78	34.77	-12.99
	133297	680.5	64QAM	1	0	20.69	24.23	22.08	34.77	-12.69
				1	99	21.12	24.66	22.51	34.77	-12.26
				50	25	20.35	23.89	21.74	34.77	-13.03
				100	0	20.24	23.78	21.63	34.77	-13.14

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7.2 Occupied Bandwidth

Part22

LTE BAND 5 Channel bandwidth: 1.4MHz							
CH	Freq. (MHz)	99% BW (MHz)			26 dB BW (MHz)		
		QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
20407	824.7	1.0889	1.0899	1.0891	1.265	1.276	1.274
20525	836.5	1.0887	1.0887	1.0886	1.265	1.271	1.281
20643	848.3	1.0893	1.0887	1.0899	1.284	1.267	1.281

LTE BAND 5 Channel bandwidth: 3MHz							
CH	Freq. (MHz)	99% BW (MHz)			26 dB BW (MHz)		
		QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
20415	825.5	2.6854	2.6919	2.6920	2.940	2.973	2.949
20525	836.5	2.6884	2.6893	2.6961	2.959	2.968	2.957
20635	847.5	2.6805	2.6912	2.6934	2.948	2.946	2.962

LTE BAND 5 Channel bandwidth: 5MHz							
CH	Freq. (MHz)	99% BW (MHz)			26 dB BW (MHz)		
		QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
20425	826.5	4.4885	4.4878	4.4846	4.985	4.963	4.953
20525	836.5	4.4824	4.4831	4.4882	4.969	4.934	4.936
20625	846.5	4.4872	4.4930	4.4891	5.006	4.956	4.932

LTE BAND 5 Channel bandwidth: 10MHz							
CH	Freq. (MHz)	99% BW (MHz)			26 dB BW (MHz)		
		QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
20450	829.0	8.9524	8.9389	8.9476	9.777	9.795	9.817
20525	836.5	8.9635	8.9255	8.9512	9.823	9.674	9.867
20600	844.0	8.9615	8.9161	8.9648	9.766	9.687	9.765

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Part24

LTE BAND 2 Channel bandwidth: 1.4MHz							
CH	Freq. (MHz)	99% BW (MHz)			26 dB BW (MHz)		
		QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
18607	1850.7	1.0874	1.0899	1.0876	1.260	1.286	1.299
18900	1880.0	1.0874	1.0917	1.0905	1.259	1.296	1.297
19193	1909.3	1.0893	1.0910	1.0893	1.265	1.269	1.300

LTE BAND 2 Channel bandwidth: 3MHz							
CH	Freq. (MHz)	99% BW (MHz)			26 dB BW (MHz)		
		QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
18615	1851.5	2.6856	2.6872	2.6962	2.953	2.965	2.950
18900	1880.0	2.6858	2.6915	2.6907	2.957	2.967	2.963
19185	1908.5	2.6833	2.6929	2.6954	2.945	2.953	2.956

LTE BAND 2 Channel bandwidth: 5MHz							
CH	Freq. (MHz)	99% BW (MHz)			26 dB BW (MHz)		
		QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
18625	1852.5	4.4864	4.4901	4.4786	4.987	4.950	4.958
18900	1880.0	4.4861	4.4930	4.4845	5.020	4.984	4.939
19175	1907.5	4.4917	4.4907	4.4848	5.020	4.982	4.939

LTE BAND 2 Channel bandwidth: 10MHz							
CH	Freq. (MHz)	99% BW (MHz)			26 dB BW (MHz)		
		QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
18650	1855.0	8.9369	8.9234	8.9408	9.843	9.748	9.777
18900	1880.0	8.9629	8.9363	8.9546	9.871	9.770	9.807
19150	1905.0	8.9672	8.9521	8.9690	9.878	9.750	9.786

LTE BAND 2 Channel bandwidth: 15MHz							
CH	Freq. (MHz)	99% BW (MHz)			26 dB BW (MHz)		
		QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
18675	1857.5	13.4140	13.3950	13.3790	14.440	14.580	14.560
18900	1880.0	13.4290	13.4030	13.4360	14.490	14.640	14.600
19125	1902.5	13.4420	13.4180	13.4080	14.530	14.570	14.510

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LTE BAND 2 Channel bandwidth: 20MHz							
CH	Freq. (MHz)	99% BW (MHz)			26 dB BW (MHz)		
		QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
18700	1860.0	17.8500	17.8340	17.8410	19.310	19.210	19.150
18900	1880.0	17.8710	17.8540	17.8560	19.280	19.330	19.290
19100	1900.0	17.8820	17.9030	17.8640	19.350	19.310	19.270

Part27

LTE BAND 4 Channel bandwidth: 1.4MHz							
CH	Freq. (MHz)	99% BW (MHz)			26 dB BW (MHz)		
		QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
19957	1710.7	1.0892	1.0909	1.0898	1.257	1.301	1.299
20175	1732.5	1.0883	1.0899	1.0886	1.254	1.285	1.287
20393	1754.3	1.0889	1.0888	1.0905	1.270	1.275	1.294

LTE BAND 4 Channel bandwidth: 3MHz							
CH	Freq. (MHz)	99% BW (MHz)			26 dB BW (MHz)		
		QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
19965	1711.5	2.6858	2.6898	2.6939	2.947	2.976	2.968
20175	1732.5	2.6869	2.6934	2.6939	2.950	2.974	2.961
20385	1753.5	2.6826	2.6893	2.6971	2.950	2.966	2.954

LTE BAND 4 Channel bandwidth: 5MHz							
CH	Freq. (MHz)	99% BW (MHz)			26 dB BW (MHz)		
		QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
19975	1712.5	4.4844	4.4938	4.4790	4.981	4.997	4.981
20175	1732.5	4.4884	4.4846	4.4916	4.983	4.982	4.933
20375	1752.5	4.4901	4.4831	4.4912	4.989	4.986	4.966

LTE BAND 4 Channel bandwidth: 10MHz							
CH	Freq. (MHz)	99% BW (MHz)			26 dB BW (MHz)		
		QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
20000	1715.0	8.9647	8.9256	8.9498	9.872	9.665	9.826
20175	1732.5	8.9583	8.9322	8.9625	9.799	9.768	9.761
20350	1750.0	8.9794	8.9557	8.9682	9.840	9.794	9.807

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LTE BAND 4 Channel bandwidth: 15MHz							
CH	Freq. (MHz)	99% BW (MHz)			26 dB BW (MHz)		
		QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
20025	1717.5	13.4060	13.3760	13.3850	14.510	14.500	14.510
20175	1732.5	13.4430	13.4140	13.4300	14.550	14.630	14.520
20325	1747.5	13.4450	13.4380	13.4460	14.470	14.550	14.700

LTE BAND 4 Channel bandwidth: 20MHz							
CH	Freq. (MHz)	99% BW (MHz)			26 dB BW (MHz)		
		QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
20050	1720.0	17.7970	17.8340	17.8200	19.230	19.280	19.190
20175	1732.5	17.9010	17.9300	17.8590	19.320	19.240	19.270
20300	1745.0	17.9110	17.9100	17.9150	19.420	19.250	19.190

LTE BAND 12 Channel bandwidth: 1.4MHz							
CH	Freq. (MHz)	99% BW (MHz)			26 dB BW (MHz)		
		QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
23017	699.7	1.0886	1.0884	1.0879	1.289	1.261	1.279
23095	707.5	1.0895	1.0893	1.0878	1.274	1.268	1.269
23173	715.3	1.0891	1.0871	1.0871	1.285	1.266	1.272

LTE BAND 12 Channel bandwidth: 3MHz							
CH	Freq. (MHz)	99% BW (MHz)			26 dB BW (MHz)		
		QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
23025	700.5	2.6854	2.6899	2.6959	2.940	2.951	2.966
23095	707.5	2.6861	2.6912	2.6955	2.936	2.967	2.959
23165	714.5	2.6833	2.6880	2.6929	2.936	2.961	2.957

LTE BAND 12 Channel bandwidth: 5MHz							
CH	Freq. (MHz)	99% BW (MHz)			26 dB BW (MHz)		
		QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
23035	701.5	4.4813	4.4795	4.4800	4.954	4.935	4.902
23095	707.5	4.4895	4.4904	4.4910	4.996	4.960	4.941
23155	713.5	4.4795	4.4767	4.4780	4.982	4.921	4.911

LTE BAND 12 Channel bandwidth: 10MHz							
CH	Freq. (MHz)	99% BW (MHz)			26 dB BW (MHz)		
		QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
23060	704.0	8.9442	8.9223	8.9470	9.709	9.730	9.752
23095	707.5	8.9855	8.9539	8.9695	9.840	9.796	9.781
23130	711.0	8.9495	8.9378	8.9532	9.741	9.661	9.743

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LTE BAND 13 Channel bandwidth: 5MHz							
CH	Freq. (MHz)	99% BW (MHz)			26 dB BW (MHz)		
		QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
23205	779.5	4.4908	4.4876	4.4909	4.972	4.958	4.904
23230	782.0	4.4814	4.4876	4.4826	5.008	4.942	4.926
23255	784.5	4.4732	4.4807	4.4774	4.955	4.966	4.925

LTE BAND 13 Channel bandwidth: 10MHz							
CH	Freq. (MHz)	99% BW (MHz)			26 dB BW (MHz)		
		QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
23230	782.0	8.9536	8.9231	8.9380	9.7560	9.6880	9.7480

LTE BAND 17 Channel bandwidth: 5MHz							
CH	Freq. (MHz)	99% BW (MHz)			26 dB BW (MHz)		
		QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
23755	706.5	4.4909	4.4924	4.4857	4.982	4.954	4.951
23790	710.0	4.4877	4.4899	4.4907	4.989	4.963	4.923
23825	713.5	4.4774	4.4713	4.4815	4.983	4.930	4.906

LTE BAND 17 Channel bandwidth: 10MHz							
CH	Freq. (MHz)	99% BW (MHz)			26 dB BW (MHz)		
		QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
23780	709.0	8.9696	8.9436	8.9586	9.814	9.761	9.822
23790	710.0	8.9807	8.9523	8.9675	9.784	9.740	9.800
23800	711.0	8.9676	8.9185	8.9518	9.837	9.675	9.711

LTE BAND 66 Channel bandwidth: 1.4MHz							
CH	Freq. (MHz)	99% BW (MHz)			26 dB BW (MHz)		
		QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
131979	1710.7	1.0896	1.0900	1.0893	1.252	1.279	1.292
132322	1745.0	1.0905	1.0910	1.0897	1.281	1.265	1.285
132665	1779.3	1.0915	1.0886	1.0905	1.274	1.264	1.290

LTE BAND 66 Channel bandwidth: 3MHz							
CH	Freq. (MHz)	99% BW (MHz)			26 dB BW (MHz)		
		QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
131987	1711.5	2.6879	2.6935	2.6968	2.918	2.973	2.969
132322	1745.0	2.6900	2.6937	2.6970	2.954	2.957	2.959
132657	1778.5	2.6905	2.6945	2.6975	2.963	2.955	2.957

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LTE BAND 66 Channel bandwidth: 5MHz							
CH	Freq. (MHz)	99% BW (MHz)			26 dB BW (MHz)		
		QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
131997	1712.5	4.4914	4.4891	4.4832	4.986	4.952	4.981
132322	1745.0	4.4926	4.4920	4.4869	4.990	4.968	4.949
132647	1777.5	4.4886	4.4913	4.4851	4.971	4.971	4.949

LTE BAND 66 Channel bandwidth: 10MHz							
CH	Freq. (MHz)	99% BW (MHz)			26 dB BW (MHz)		
		QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
132022	1715.0	8.9333	8.9209	8.9548	9.790	9.660	9.860
132322	1745.0	8.9901	8.9417	8.9654	9.823	9.698	9.786
132622	1775.0	8.9755	8.9307	8.9542	9.796	9.681	9.744

LTE BAND 66 Channel bandwidth: 15MHz							
CH	Freq. (MHz)	99% BW (MHz)			26 dB BW (MHz)		
		QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
132047	1717.5	13.4320	13.3710	13.3850	14.530	14.580	14.430
132322	1745.0	13.4510	13.4450	13.4250	14.620	14.650	14.610
132597	1772.5	13.3890	13.3860	13.4080	14.460	14.520	14.410

LTE BAND 66 Channel bandwidth: 20MHz							
CH	Freq. (MHz)	99% BW (MHz)			26 dB BW (MHz)		
		QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
132072	1720.0	17.8010	17.8380	17.8130	19.180	19.260	19.180
132322	1745.0	17.8800	17.9080	17.8960	19.330	19.230	19.390
132572	1770.0	17.8290	17.8490	17.8500	19.230	19.170	19.160

LTE BAND 71 Channel bandwidth: 5MHz							
CH	Freq. (MHz)	99% BW (MHz)			26 dB BW (MHz)		
		QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
133147	665.5	4.4843	4.4857	4.4861	4.966	4.965	4.928
133297	680.5	4.4892	4.4873	4.4837	4.999	4.982	4.937
133447	695.5	4.4903	4.4898	4.4898	4.976	4.947	4.943

LTE BAND 71 Channel bandwidth: 10MHz							
CH	Freq. (MHz)	99% BW (MHz)			26 dB BW (MHz)		
		QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
133172	668.0	8.9512	8.9145	8.9513	9.742	9.674	9.775
133297	680.5	8.9713	8.9317	8.9495	9.765	9.632	9.759
133422	693.0	8.9602	8.9377	8.9650	9.768	9.720	9.786

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LTE BAND 71 Channel bandwidth: 15MHz							
CH	Freq. (MHz)	99% BW (MHz)			26 dB BW (MHz)		
		QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
133197	670.5	13.4410	13.4040	13.4220	14.510	14.690	14.520
133297	680.5	13.4450	13.4110	13.4250	14.540	14.550	14.620
133397	690.5	13.4150	13.4160	13.4400	14.610	14.530	14.660

LTE BAND 71 Channel bandwidth: 20MHz							
CH	Freq. (MHz)	99% BW (MHz)			26 dB BW (MHz)		
		QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
133222	673.0	17.8350	17.8640	17.8420	19.190	19.180	19.260
133297	680.5	17.8400	17.8600	17.8510	19.210	19.300	19.070
133372	688.0	17.8350	17.8490	17.8220	19.200	19.310	19.230

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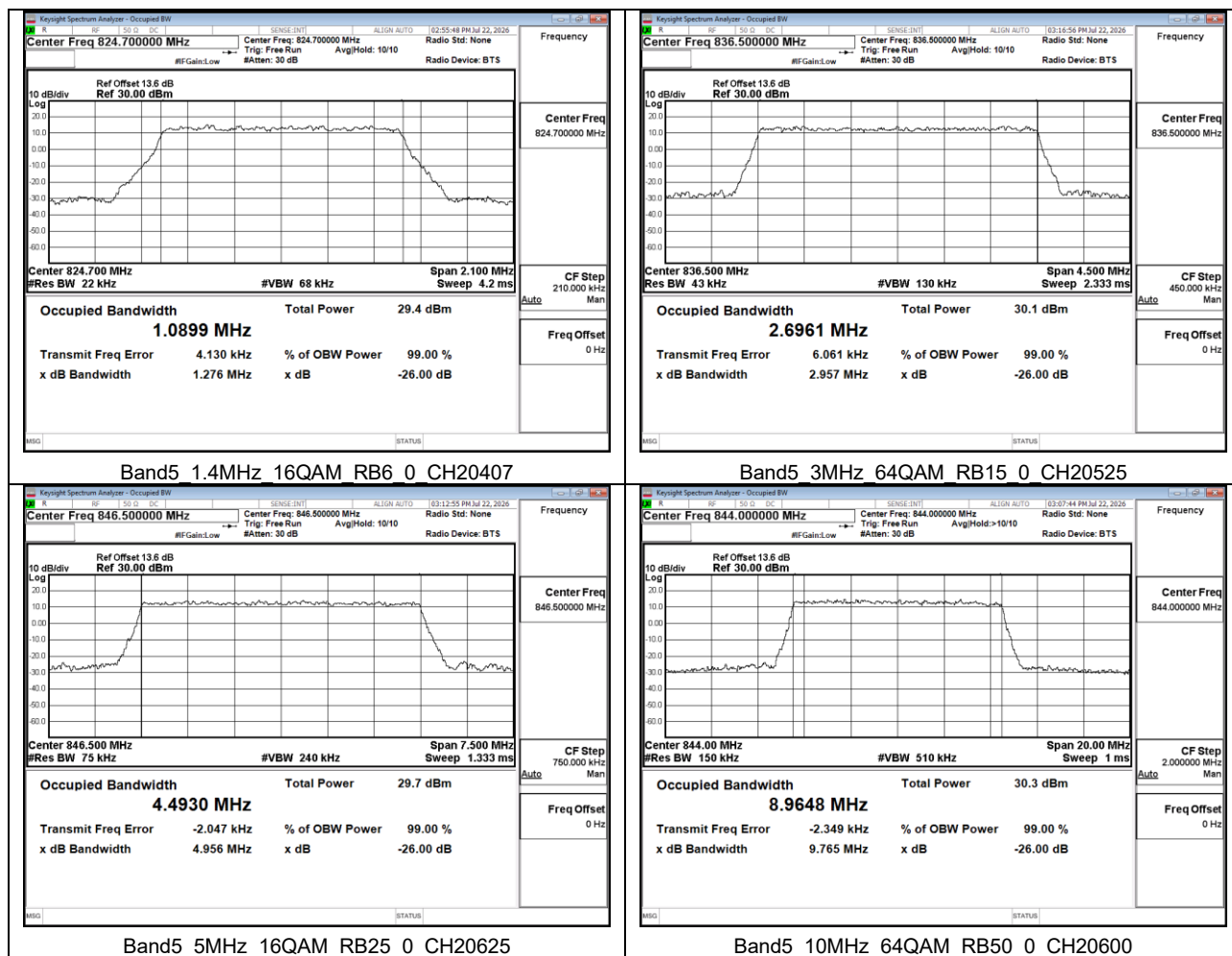
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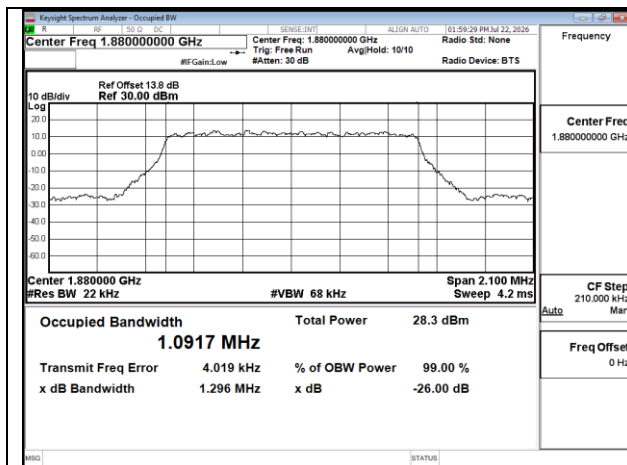
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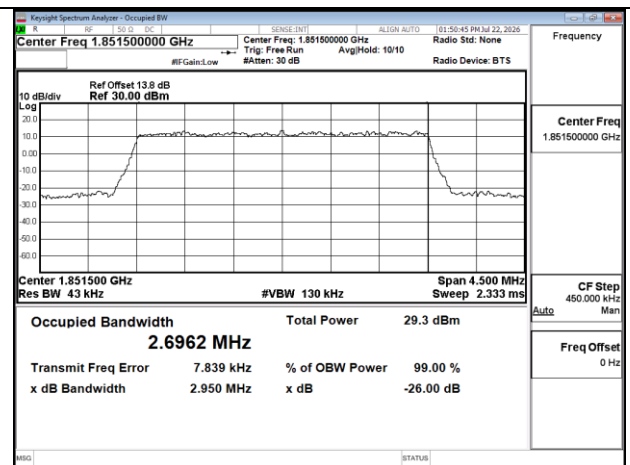
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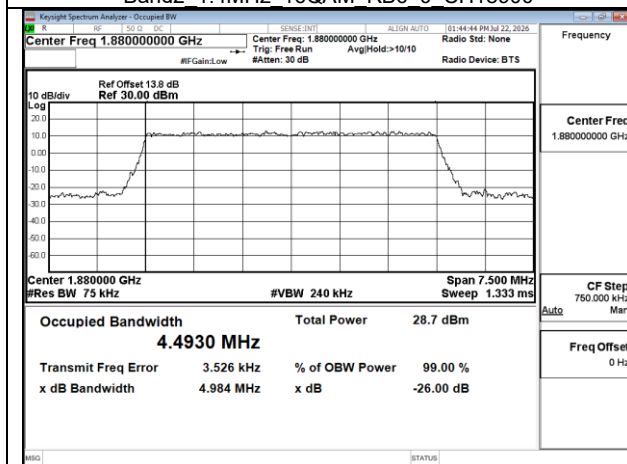
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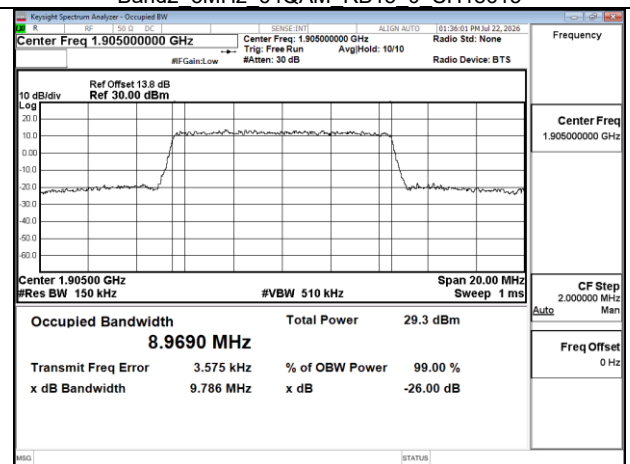
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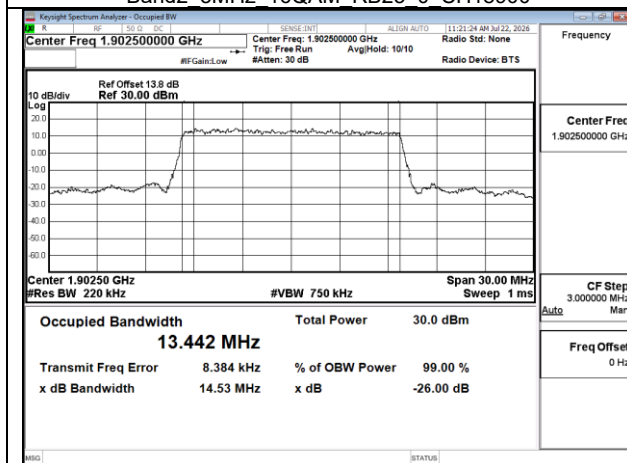
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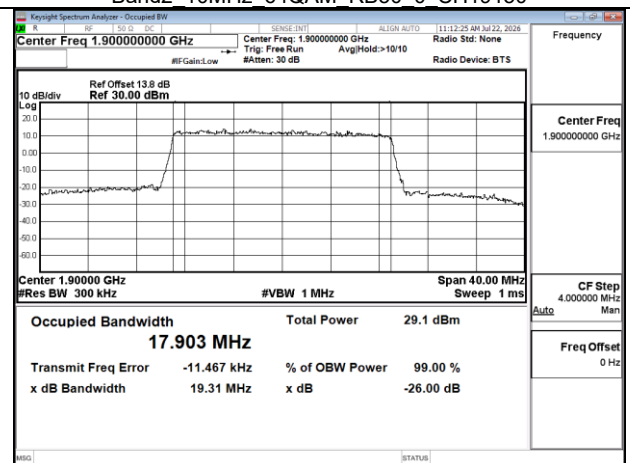
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Band2 10MHz 64QAM RB50 0 CH19150



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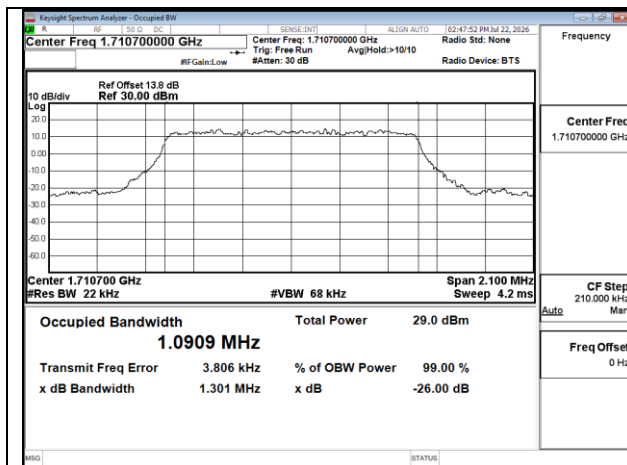


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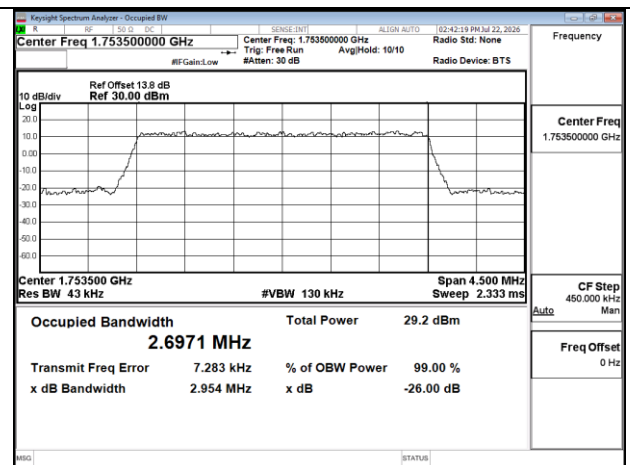
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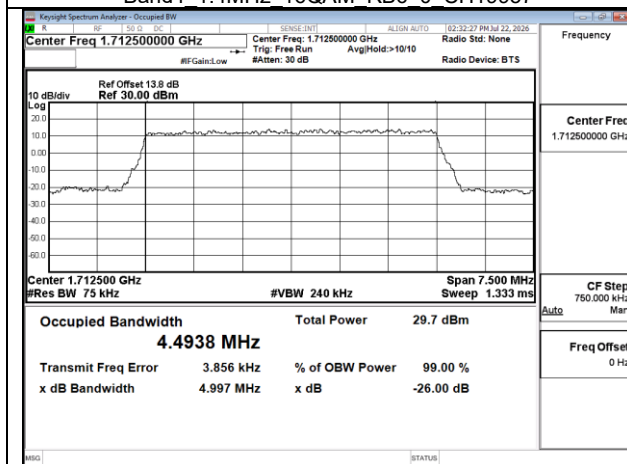
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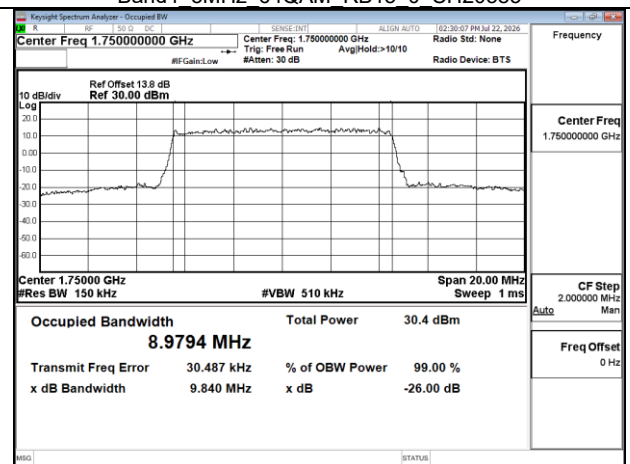
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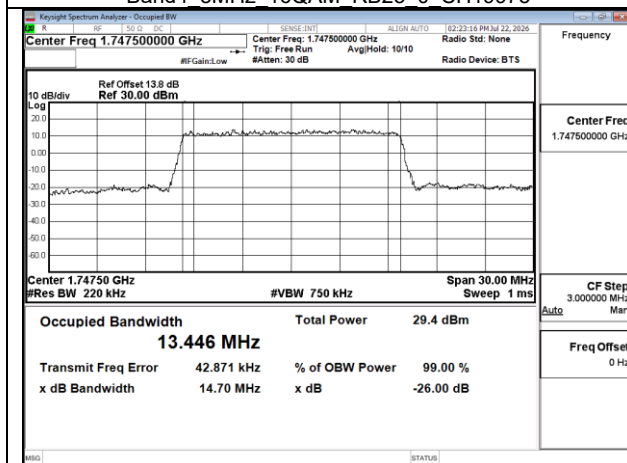
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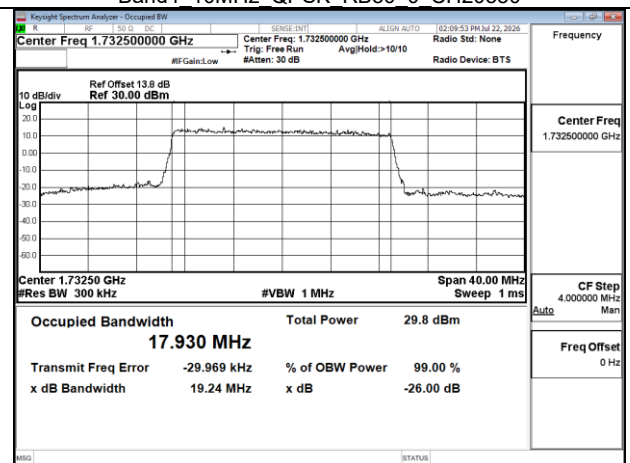
Band4 5MHz 16QAM RB25 0 CH19975



Band4 10MHz QPSK RB50 0 CH20350



Band4 15MHz 64QAM RB75 0 CH20325



Band4 20MHz 16QAM RB100 0 CH20175

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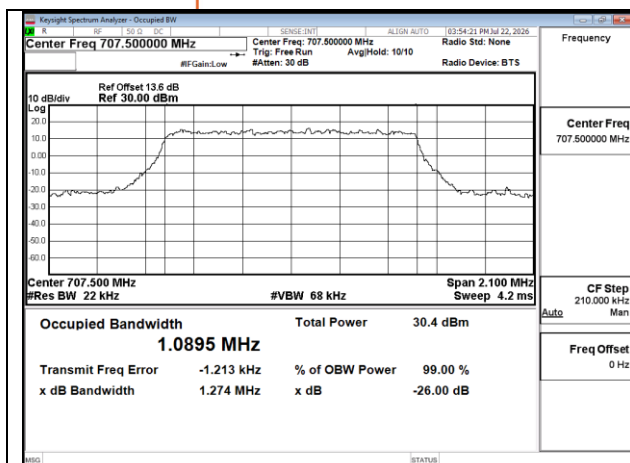
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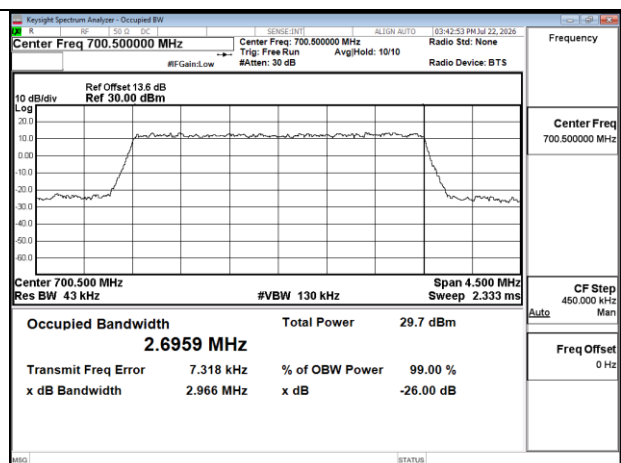
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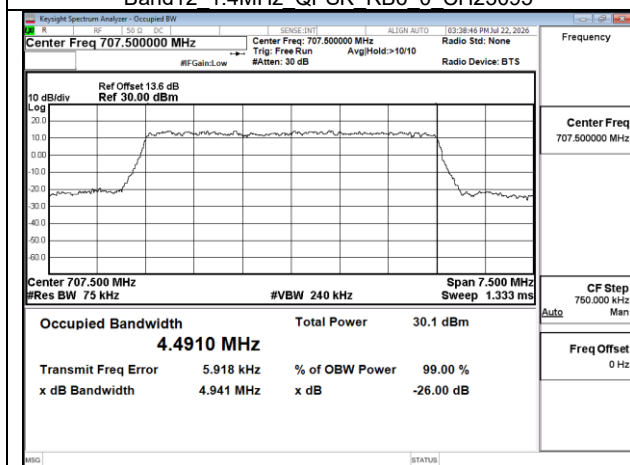
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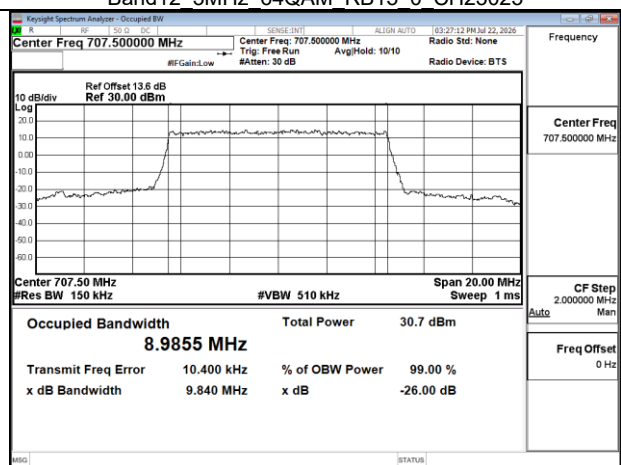
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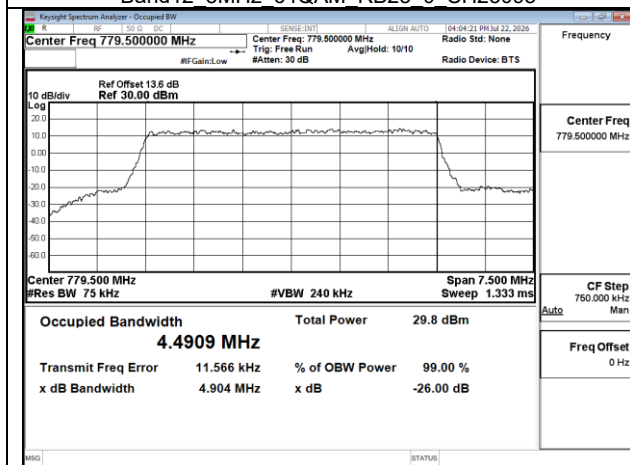
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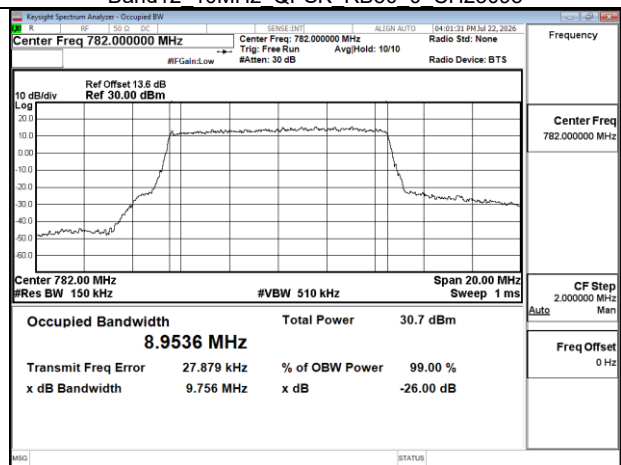
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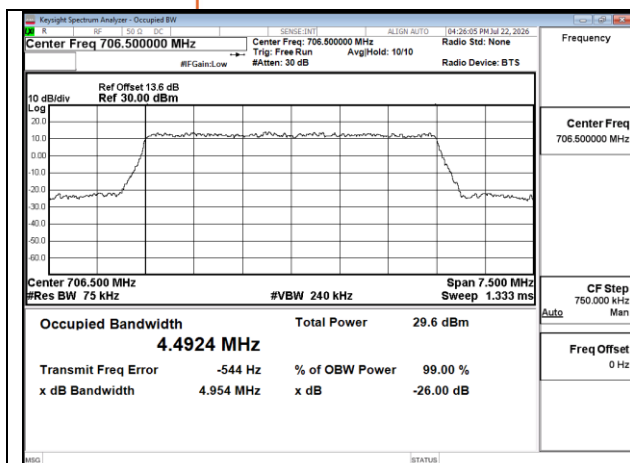


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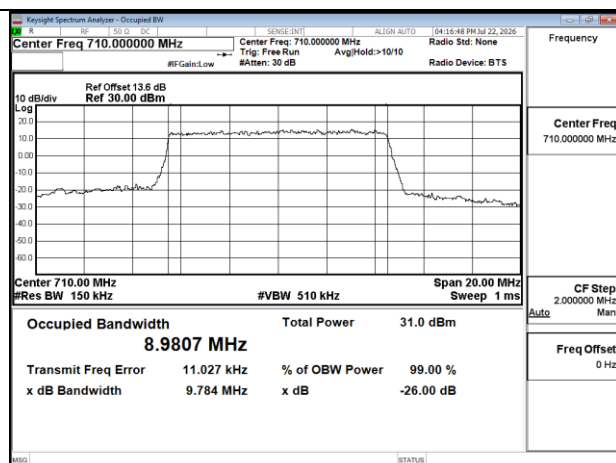
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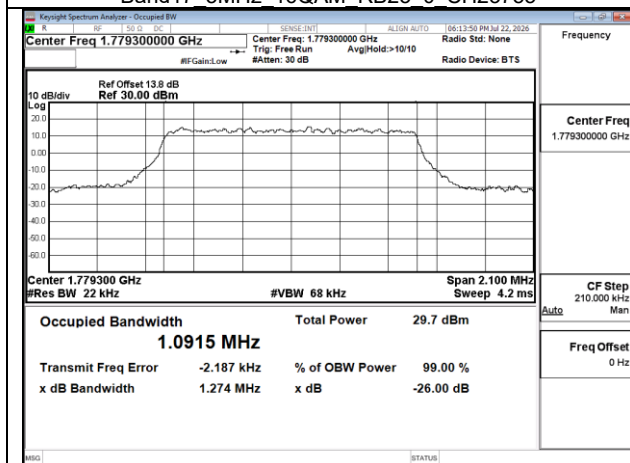
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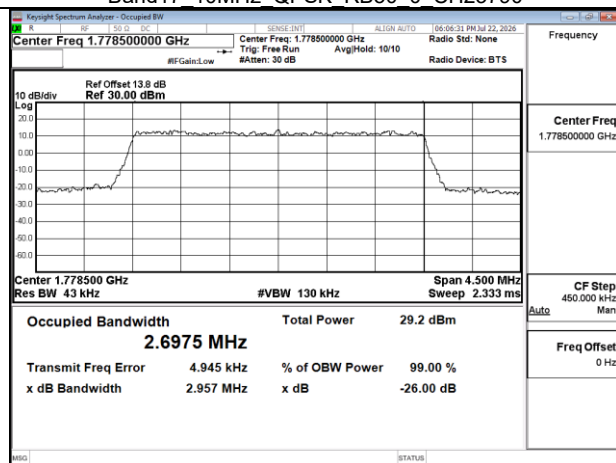
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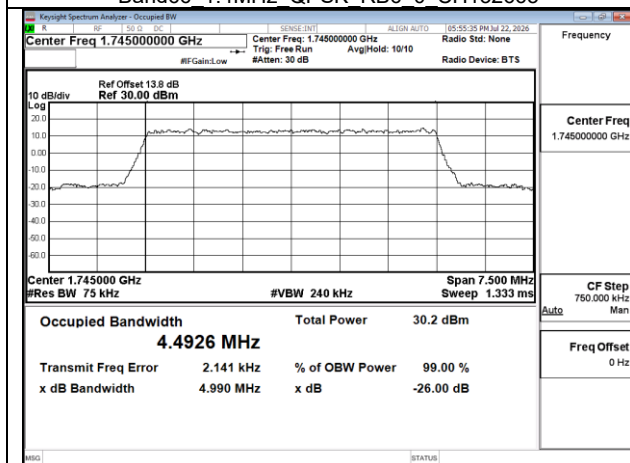
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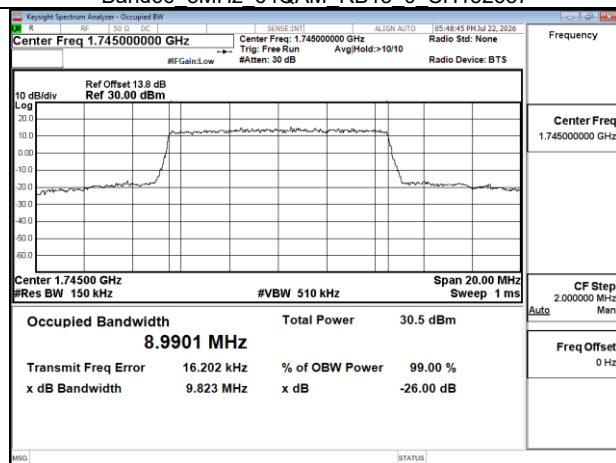
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Band66 3MHz 64QAM RB15 0 CH132657



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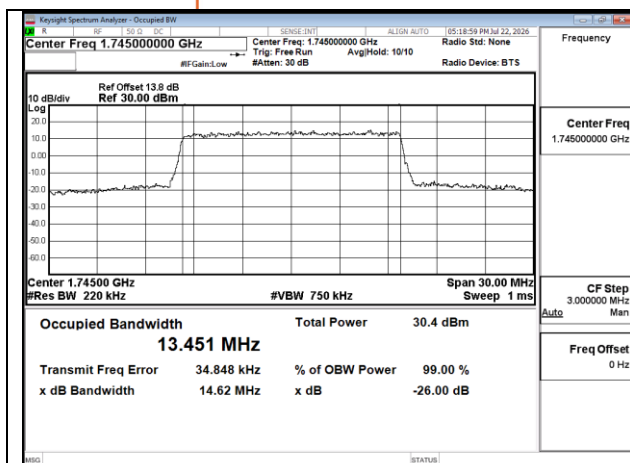


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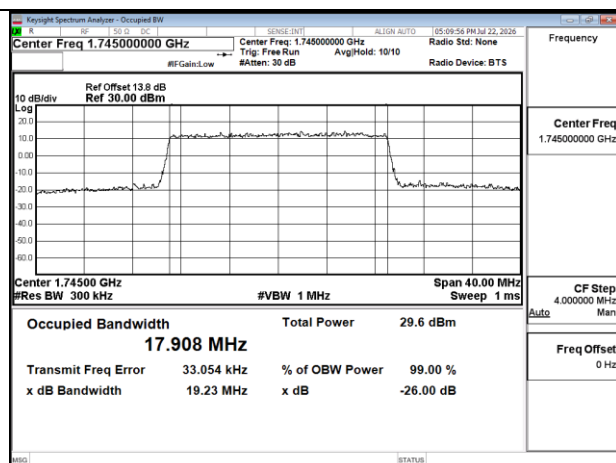
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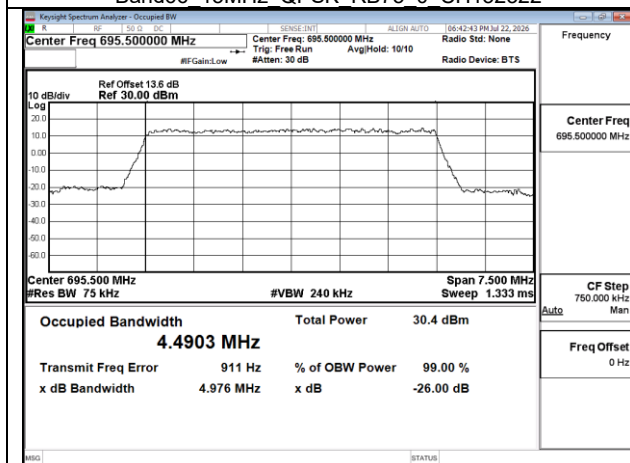
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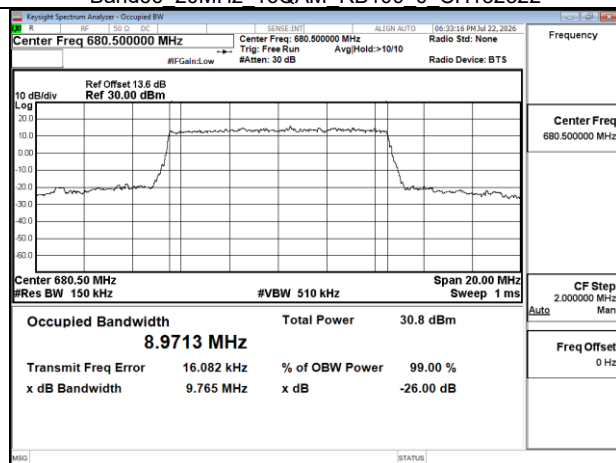
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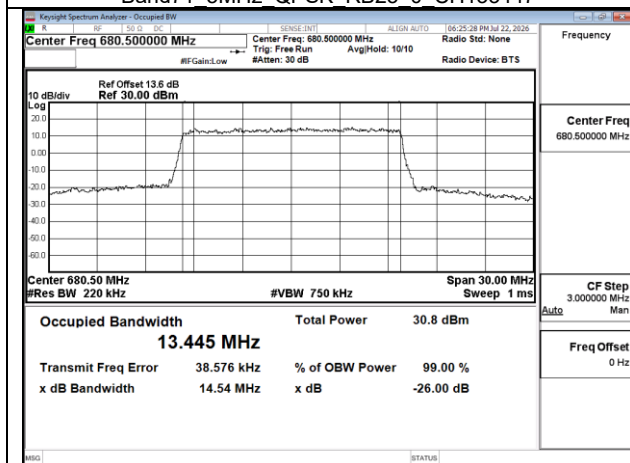
Band66 20MHz 16QAM RB100 0 CH132322



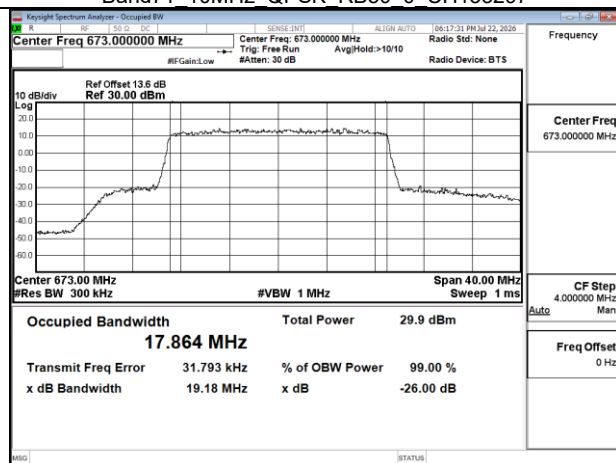
Band71 5MHz QPSK RB25 0 CH133447



Band71 10MHz QPSK RB50 0 CH133297



Band71 15MHz QPSK RB75 0 CH133297



Band71 20MHz 16QAM RB100 0 CH133222

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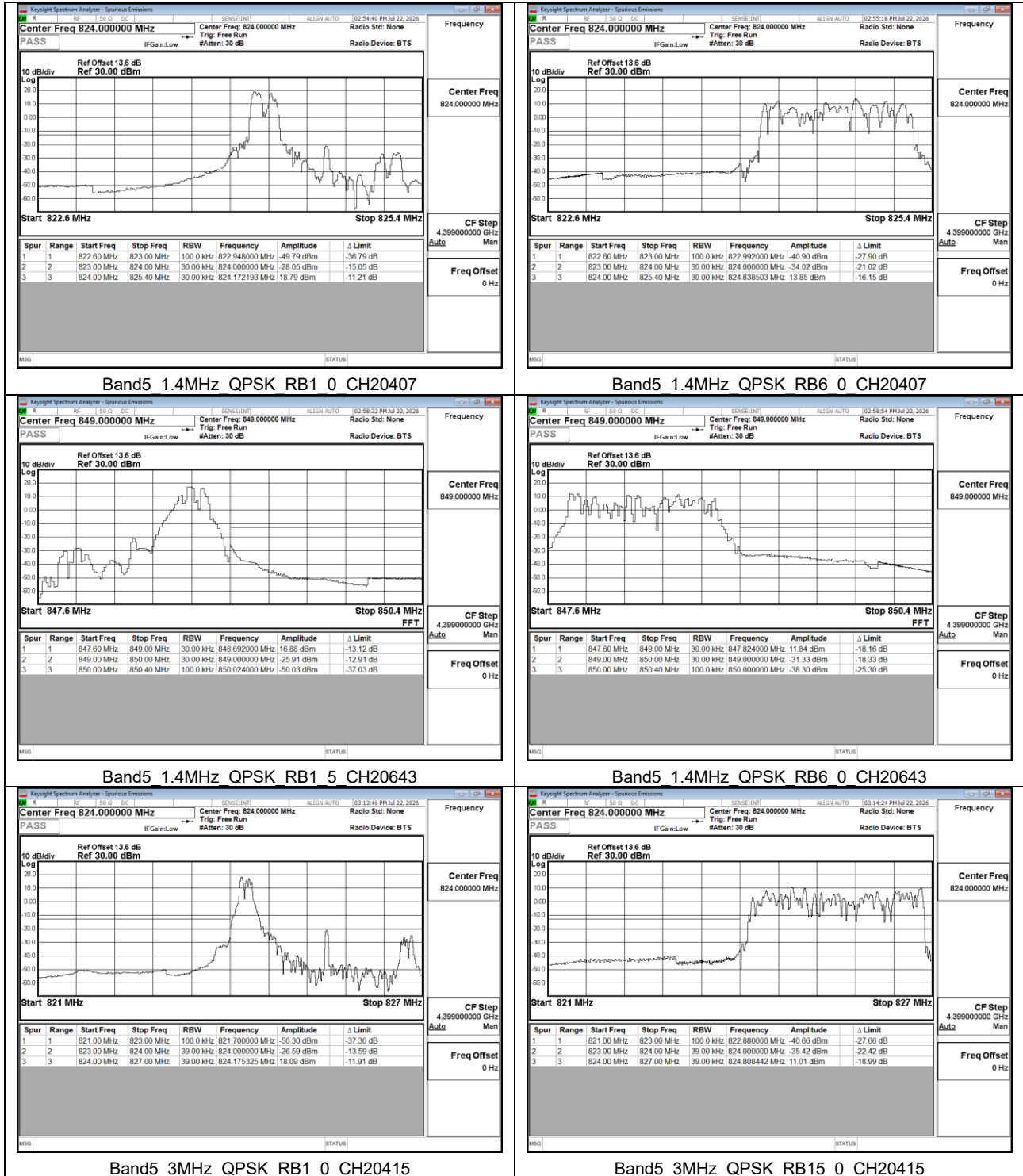
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7.3 Out Of Band Emission At Antenna Terminals

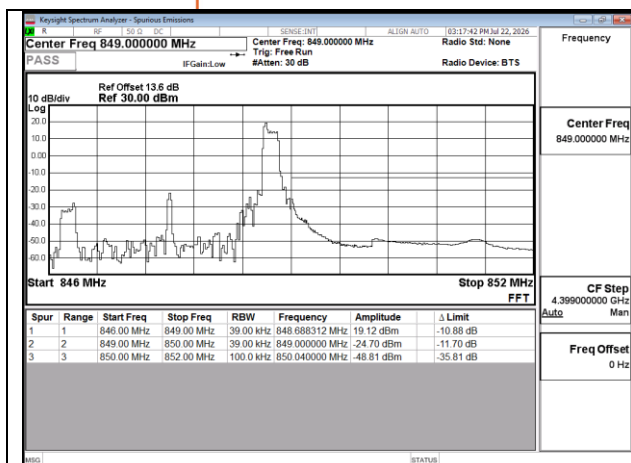
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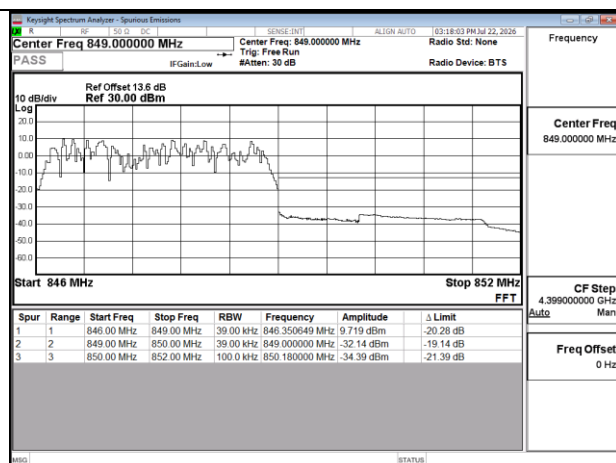
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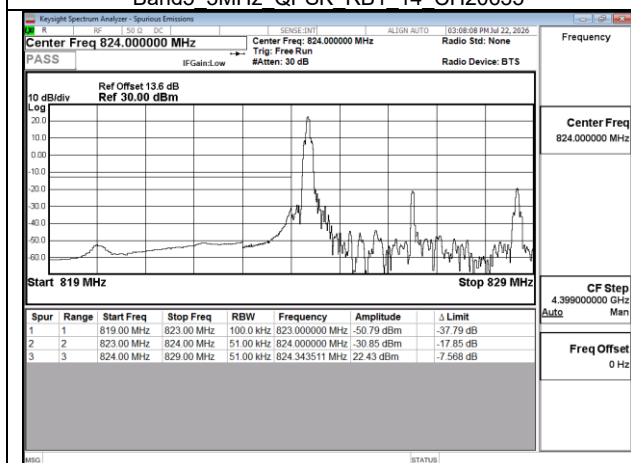
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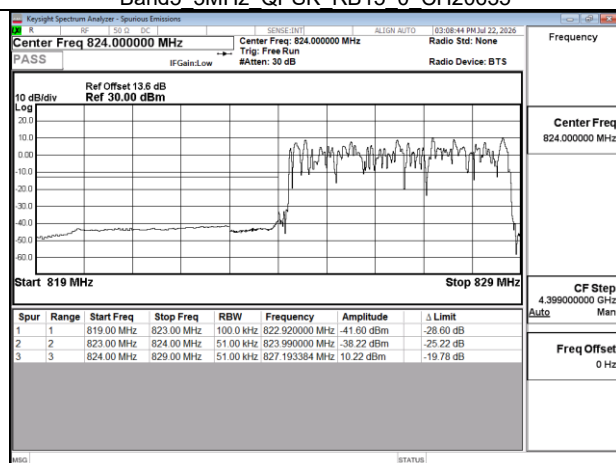
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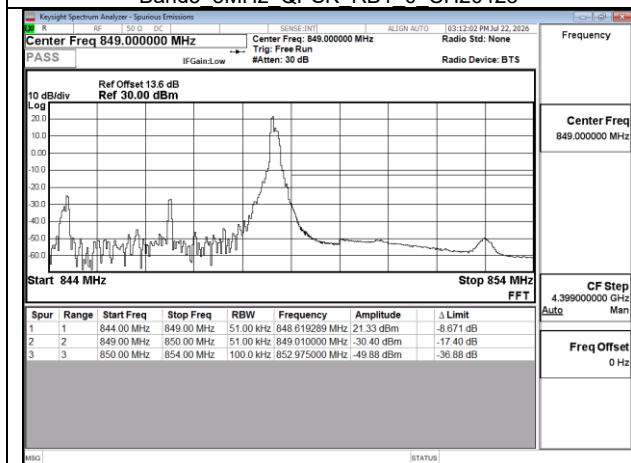
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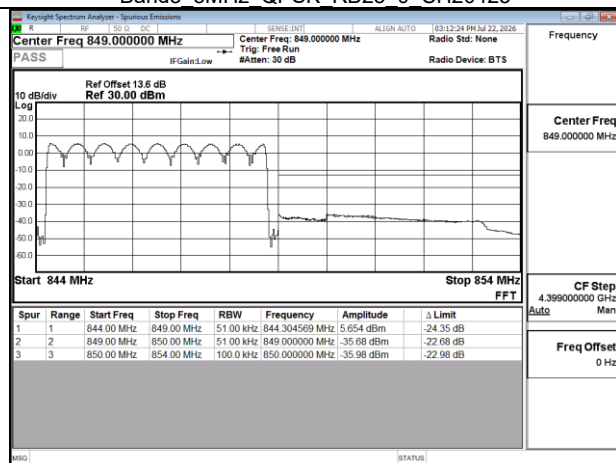
Band5 5MHz QPSK RB1 0 CH20425



Band5 5MHz QPSK RB25 0 CH20425



Band5 5MHz QPSK RB1 24 CH20625



Band5 5MHz QPSK RB25 0 CH20625

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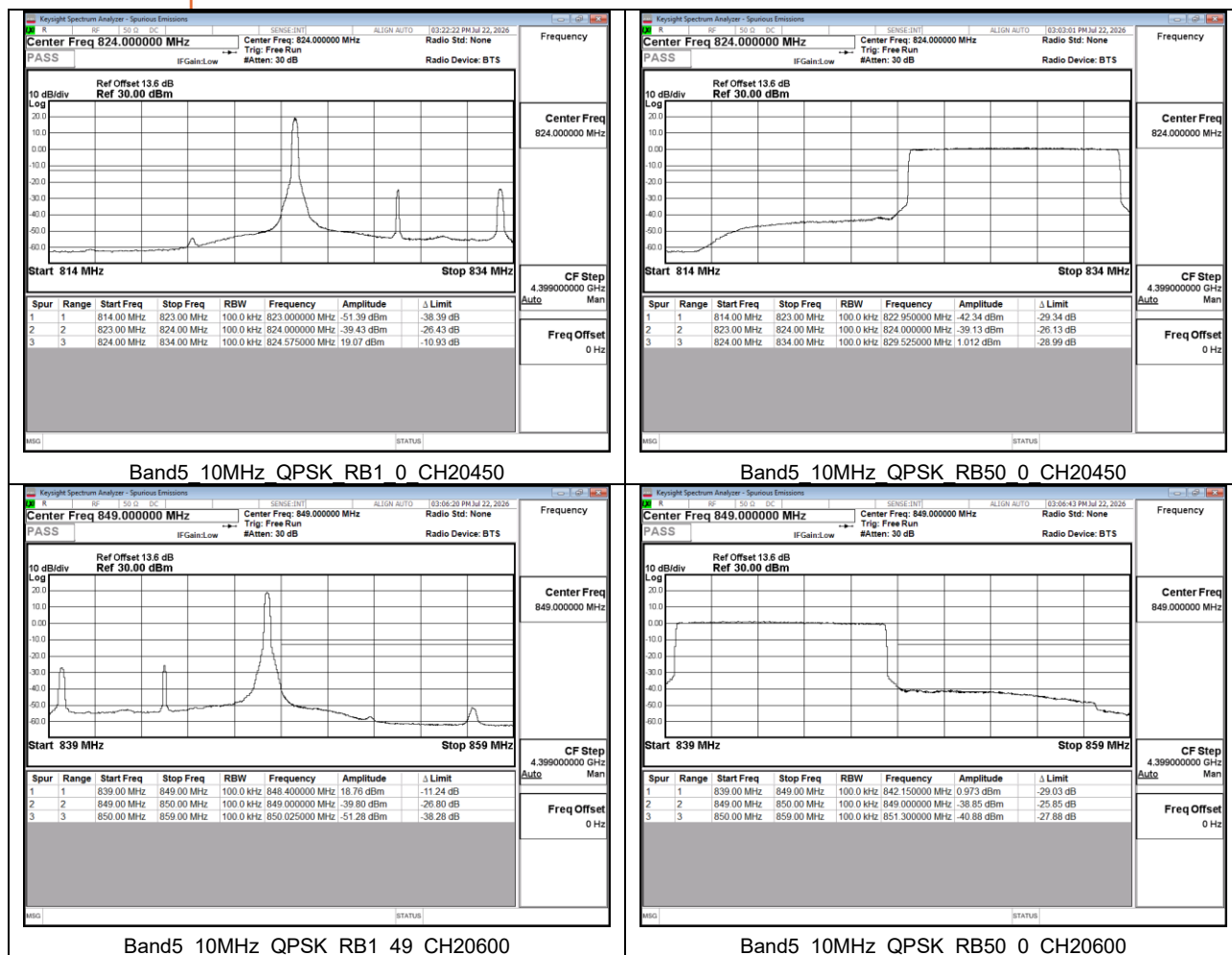
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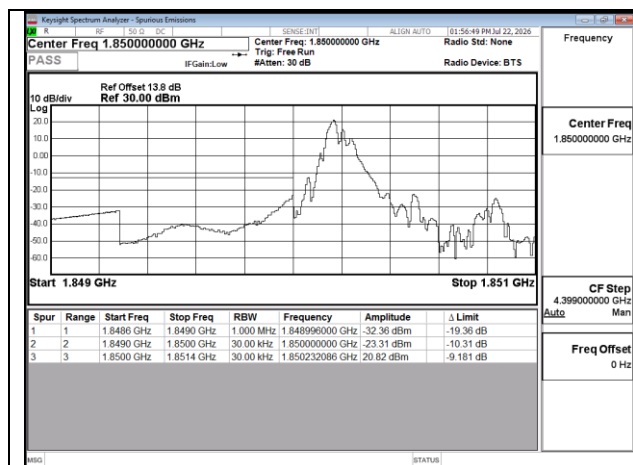
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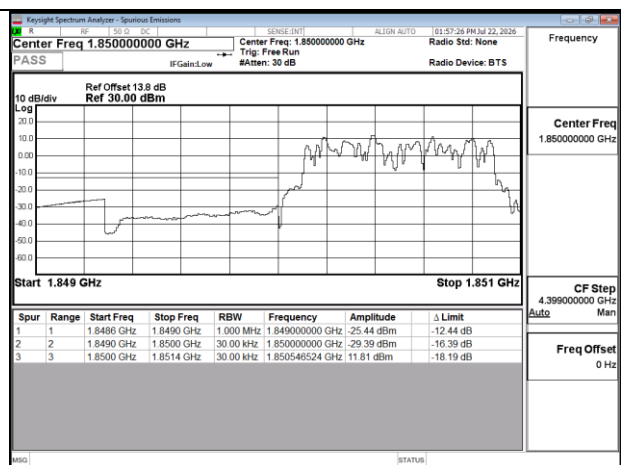
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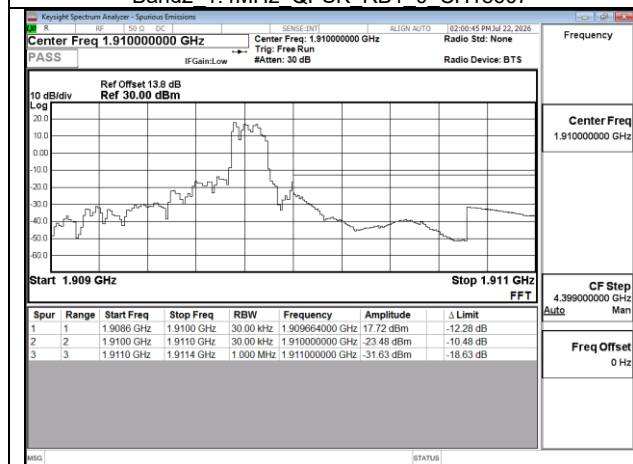
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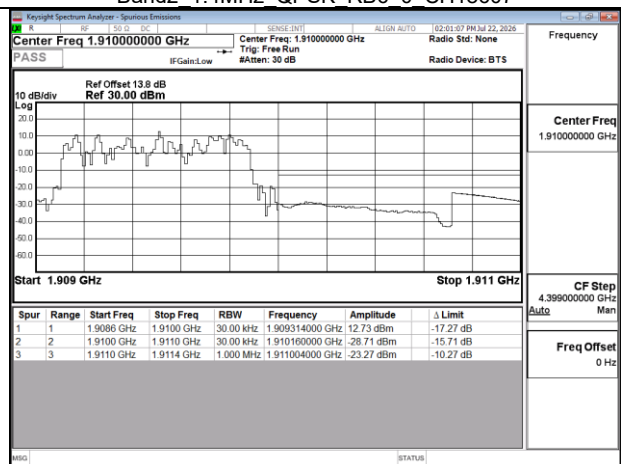
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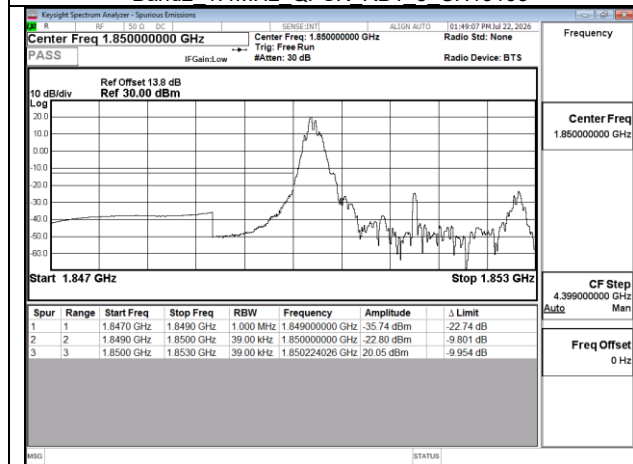
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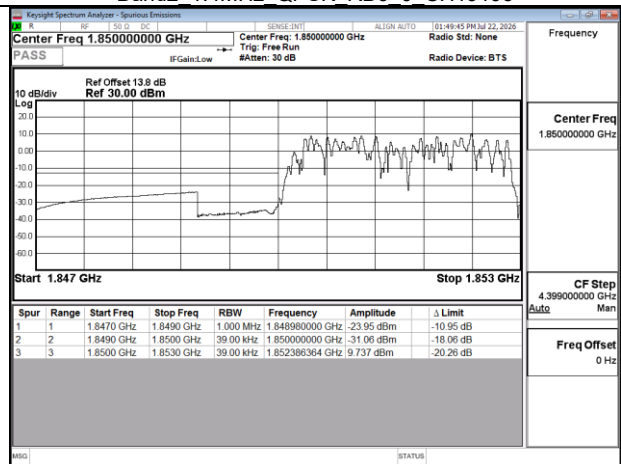
Band2 1.4MHz QPSK RB1 5 CH19193



Band2 1.4MHz QPSK RB6 0 CH19193



Band2 3MHz QPSK RB1 0 CH18615



Band2 3MHz QPSK RB15 0 CH18615

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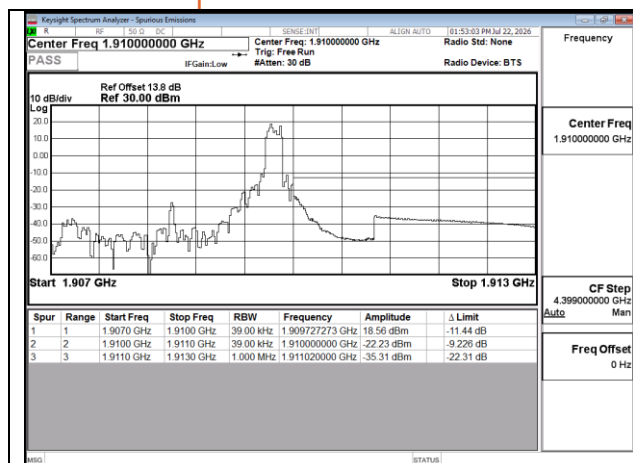
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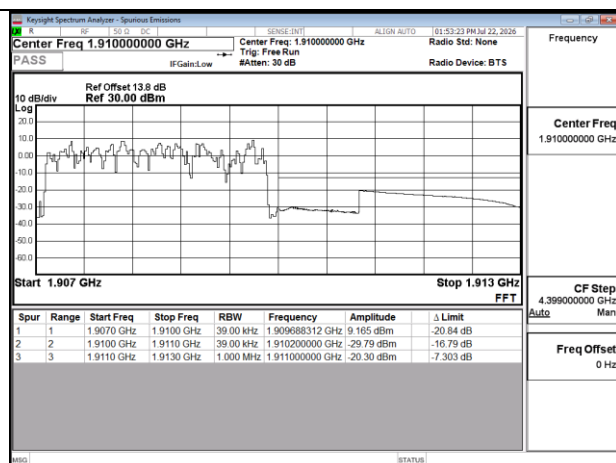
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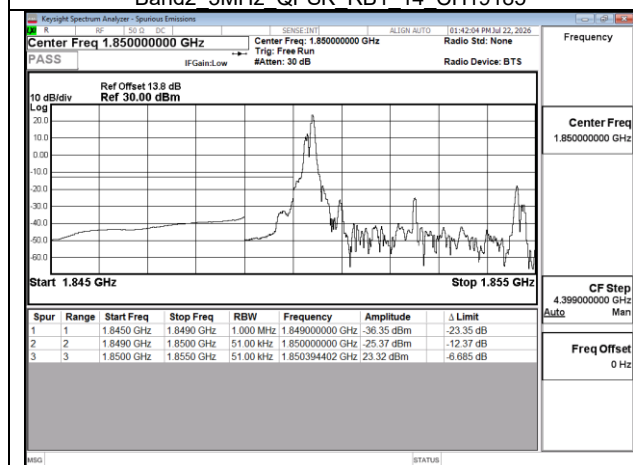
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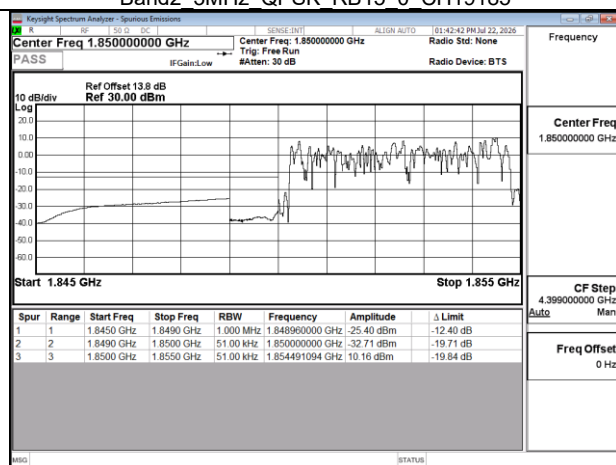
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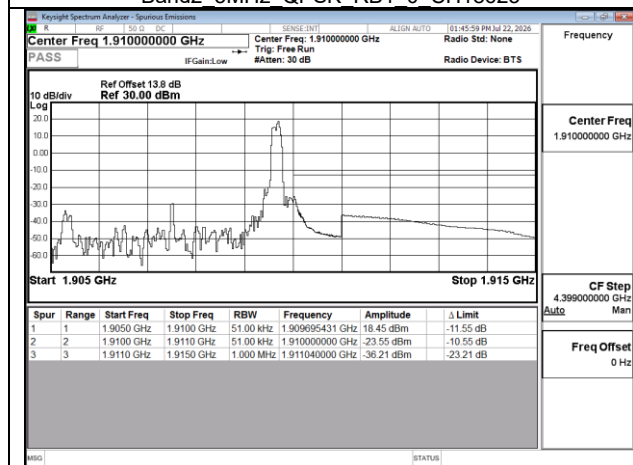
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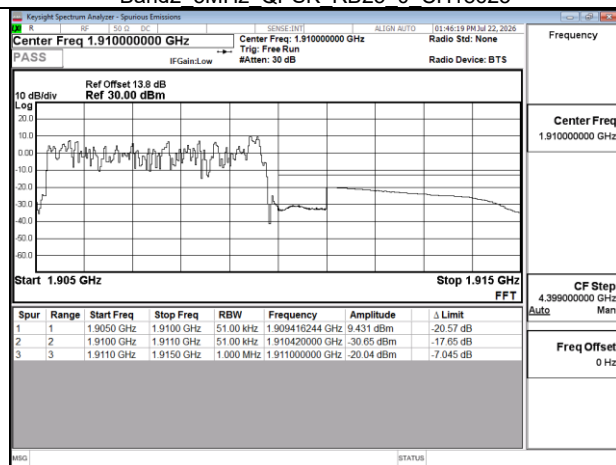
Band2 5MHz QPSK RB1 0 CH18625



Band2 5MHz QPSK RB25 0 CH18625



Band2 5MHz QPSK RB1 24 CH19175



Band2 5MHz QPSK RB25 0 CH19175

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