

Test Report No.: RF260623B005

CHANNEL BANDWIDTH		5MHz / QPSK		MODE		TX channel 27685			
FREQUENCY RANGE		Above 1000MHz		ENVIRONMENTAL CONDITIONS		23deg. C, 70%RH			
INPUT POWER		AC 120V 60HZ		TESTED BY		Carl Xie Xu			
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M									
NO.	Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
1	2308.6617	-42.25	-48.74	-6.49	-40.00	8.74	Vertical	PK	PASS
2	4615.7231	-56.06	-54.62	1.44	-40.00	14.62	Vertical	PK	PASS
3	6928.5857	-62.70	-54.27	8.43	-40.00	14.27	Vertical	PK	PASS
4	9229.1458	-57.41	-46.15	11.26	-40.00	6.15	Vertical	PK	PASS

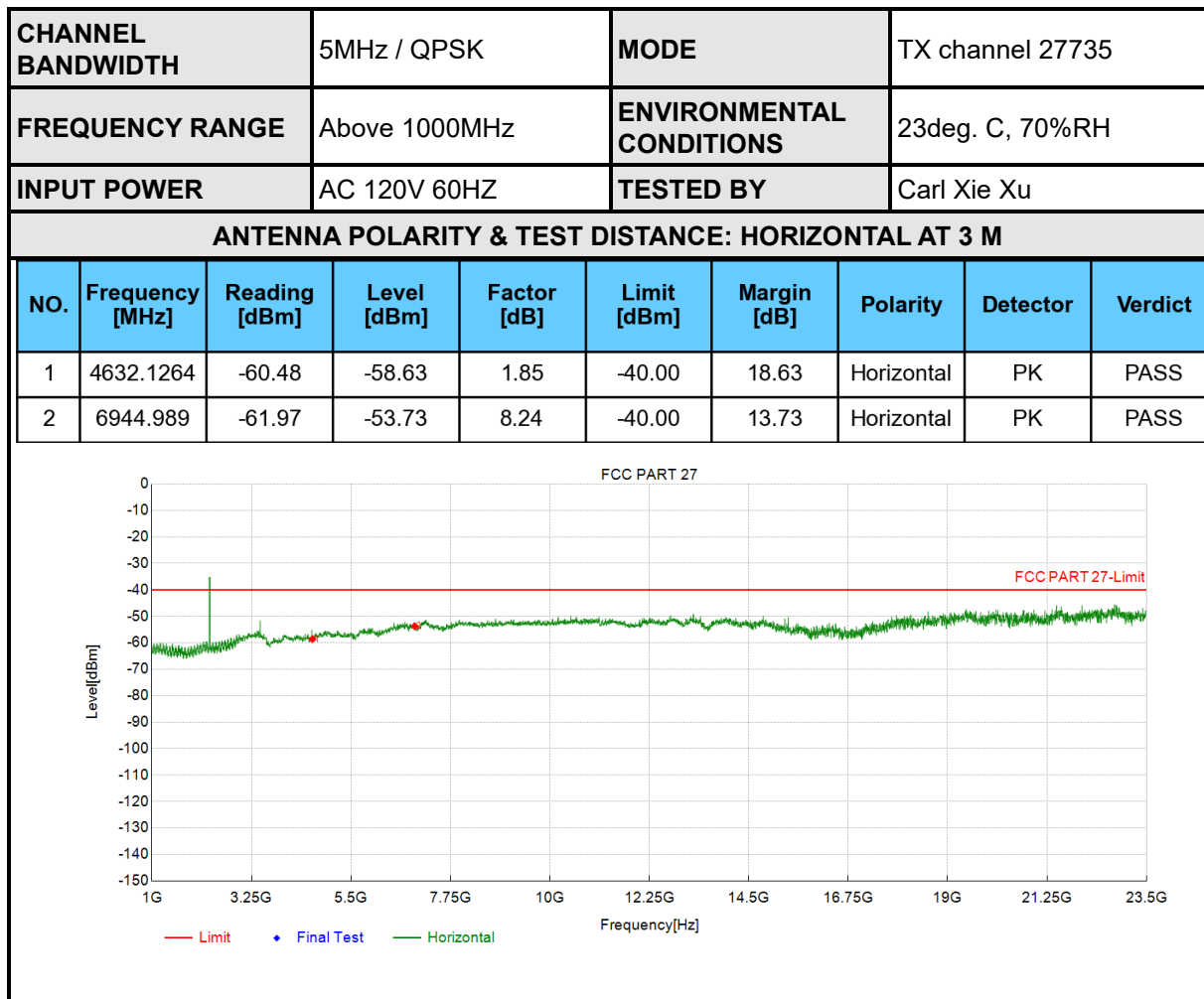
FCC PART 27

Level[dBm]

Frequency[Hz]

— Limit ♦ Final Test — Vertical

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Test Report No.: RF260623B005

CHANNEL BANDWIDTH		5MHz / QPSK		MODE		TX channel 27735			
FREQUENCY RANGE		Above 1000MHz		ENVIRONMENTAL CONDITIONS		23deg. C, 70%RH			
INPUT POWER		AC 120V 60HZ		TESTED BY		Carl Xie Xu			
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M									
NO.	Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
1	4628.0256	-55.67	-54.16	1.51	-40.00	14.16	Vertical	PK	PASS
2	6944.989	-61.41	-52.98	8.43	-40.00	12.98	Vertical	PK	PASS
3	9249.6499	-59.08	-47.69	11.39	-40.00	7.69	Vertical	PK	PASS

FCC PART 27

Level[dBm]

Frequency[Hz]

Limit Final Test Vertical

FCC PART 27-Limit

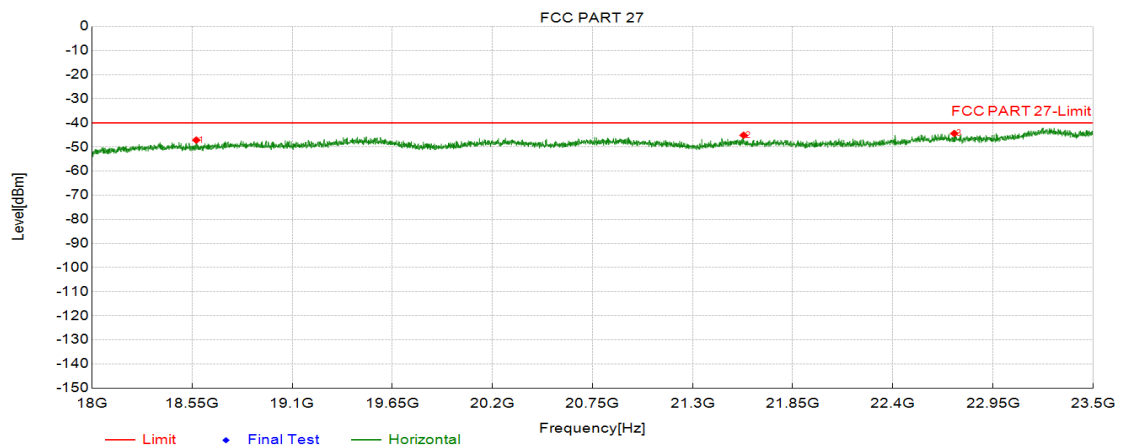
Test Report No.: RF260623B005

CHANNEL BANDWIDTH	10MHz / QPSK	MODE	TX channel 27710
FREQUENCY RANGE	Above 1000MHz	ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH
INPUT POWER	AC 120V 60HZ	TESTED BY	Carl Xie Xu

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M

Data List

NO.	Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
1	18573.214	-54.85	-47.14	7.71	-40.00	7.14	Horizon	PK	PASS
2	21580.116	-55.64	-45.13	10.51	-40.00	5.13	Horizon	PK	PASS
3	22737.547	-58.06	-44.40	13.66	-40.00	4.40	Horizon	PK	PASS



Test Report No.: RF260623B005

CHANNEL BANDWIDTH	10MHz / QPSK	MODE	TX channel 27710						
FREQUENCY RANGE	Above 1000MHz	ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH						
INPUT POWER	AC 120V 60HZ	TESTED BY	Carl Xie Xu						
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M									
Data List									
NO.	Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
1	19248.749	-55.14	-47.65	7.49	-40.00	7.65	Vertical	PK	PASS
2	20822.064	-55.92	-47.02	8.90	-40.00	7.02	Vertical	PK	PASS
3	23273.354	-57.80	-44.65	13.15	-40.00	4.65	Vertical	PK	PASS

FCC PART 27

Level[dBm]

Frequency[Hz]

— Limit • Final Test — Vertical

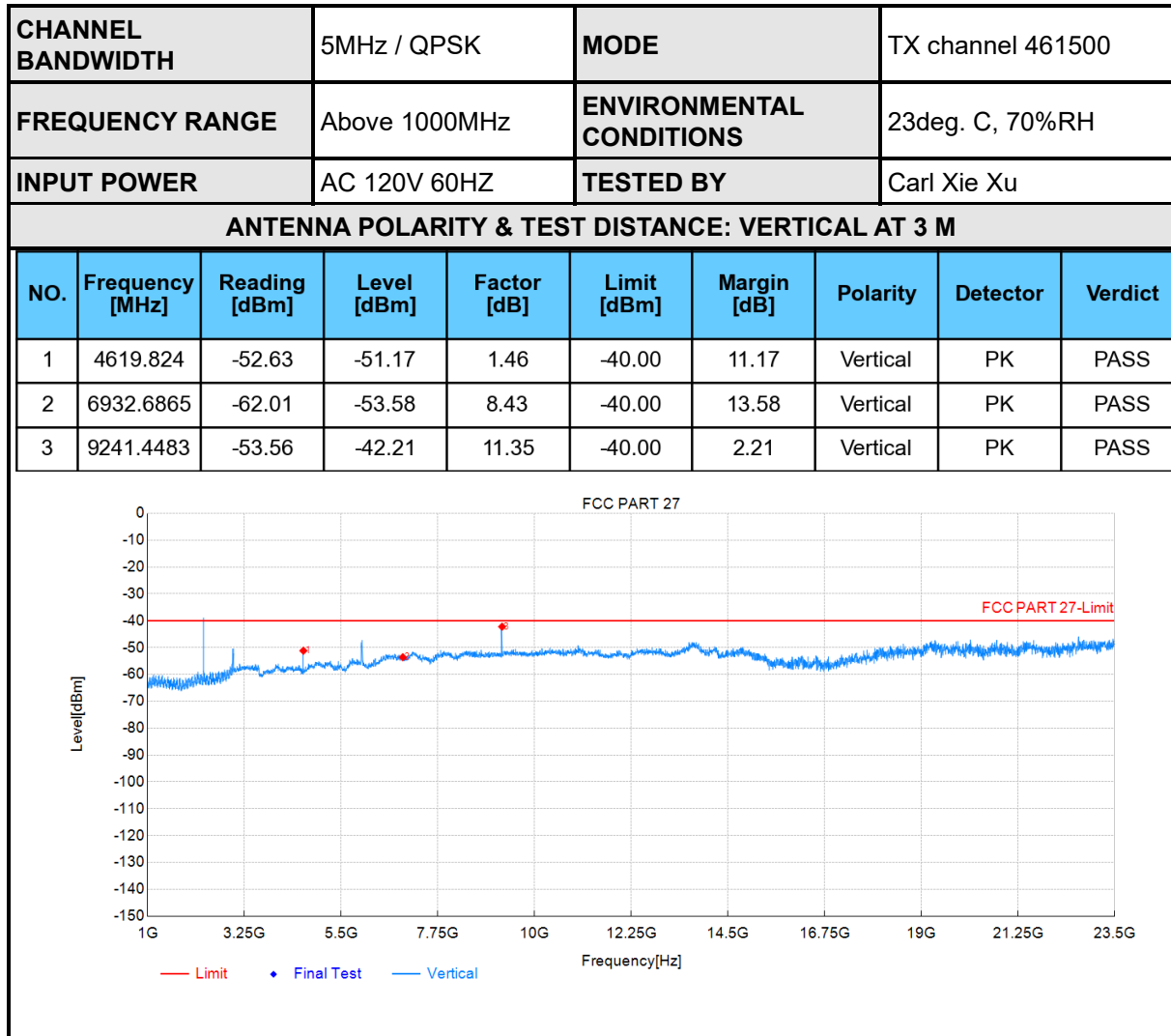
Test Report No.: RF260623B005

NR N30									
CHANNEL BANDWIDTH		5MHz / QPSK			MODE		TX channel 461500		
FREQUENCY RANGE		Above 1000MHz			ENVIRONMENTAL CONDITIONS		23deg. C, 70%RH		
INPUT POWER		AC 120V 60HZ			TESTED BY		Carl Xie Xu		
ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M									
NO.	Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
1	4619.824	-53.78	-51.98	1.80	-40.00	11.98	Horizontal	PK	PASS
2	6932.6865	-60.82	-52.58	8.24	-40.00	12.58	Horizontal	PK	PASS

FCC PART 27

Legend: — Limit • Final Test — Horizontal

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Test Report No.: RF260623B005

CHANNEL BANDWIDTH		5MHz / QPSK		MODE		TX channel 462500			
FREQUENCY RANGE		Above 1000MHz		ENVIRONMENTAL CONDITIONS		23deg. C, 70%RH			
INPUT POWER		AC 120V 60HZ		TESTED BY		Carl Xie Xu			
ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M									
NO.	Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
1	4611.6223	-52.95	-51.18	1.77	-40.00	11.18	Horizontal	PK	PASS
2	6920.3841	-61.22	-52.98	8.24	-40.00	12.98	Horizontal	PK	PASS

FCC PART 27

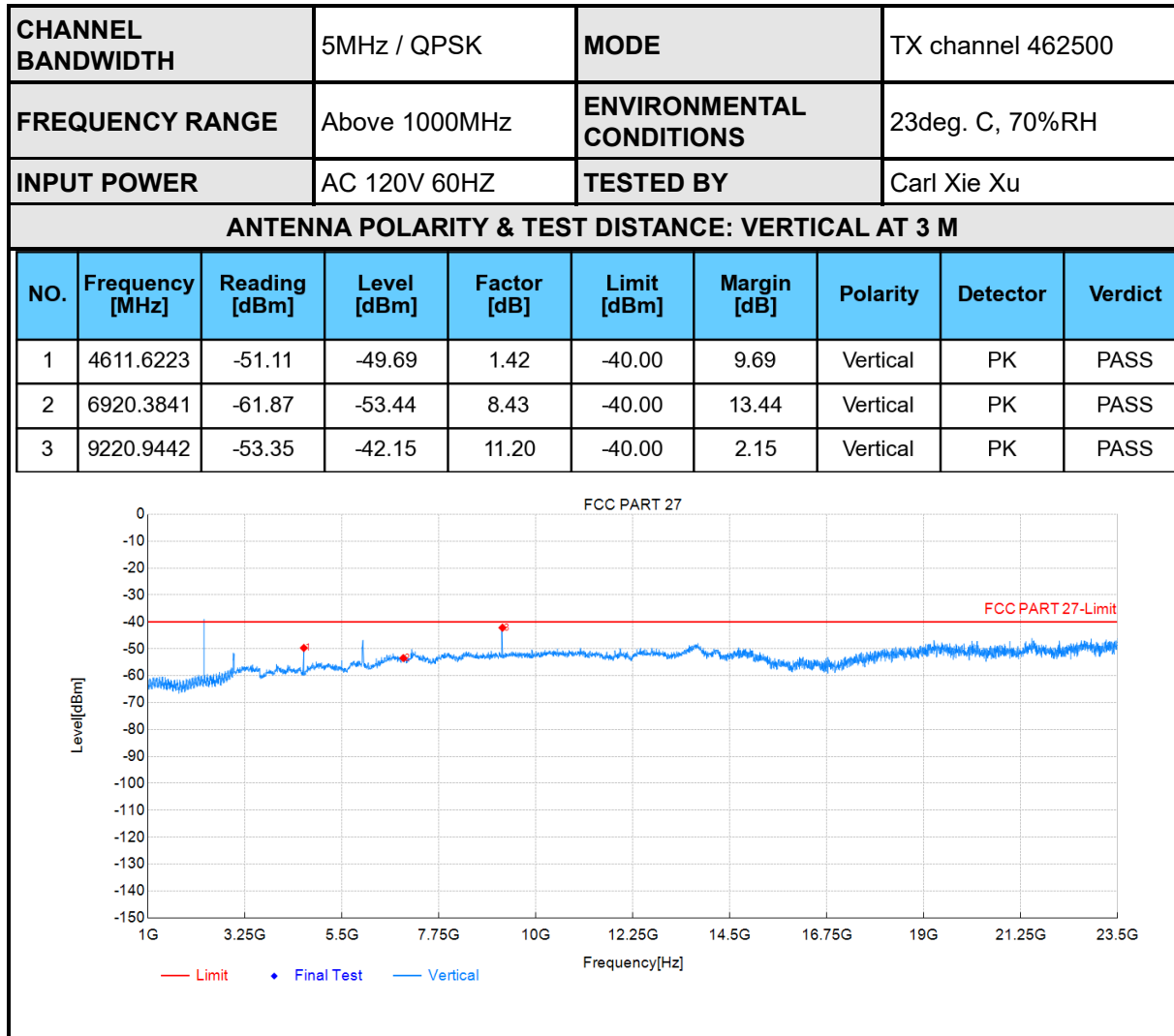
Level[dBm]

Frequency[Hz]

Limit Final Test Horizontal

FCC PART 27-Limit

Test Report No.: RF260623B005



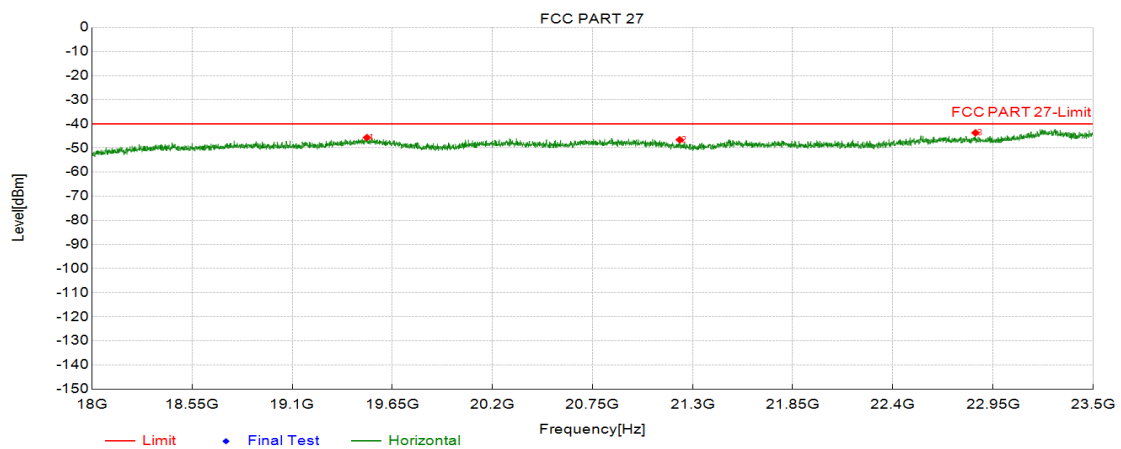
Test Report No.: RF260623B005

CHANNEL BANDWIDTH	5MHz / QPSK	MODE	TX channel 461500
FREQUENCY RANGE	Above 1000MHz	ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH
INPUT POWER	AC 120V 60HZ	TESTED BY	Carl Xie Xu

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M

Data List

NO.	Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
1	19510.602	-55.02	-45.66	9.36	-40.00	5.66	Horizon	PK	PASS
2	21229.145	-56.46	-46.60	9.86	-40.00	6.60	Horizon	PK	PASS
3	22854.170	-57.47	-43.72	13.75	-40.00	3.72	Horizon	PK	PASS



Test Report No.: RF260623B005

CHANNEL BANDWIDTH	5MHz / QPSK	MODE	TX channel 461500						
FREQUENCY RANGE	Above 1000MHz	ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH						
INPUT POWER	AC 120V 60HZ	TESTED BY	Carl Xie Xu						
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M									
Data List									
NO.	Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
1	19335.667	-55.52	-48.10	7.42	-40.00	8.10	Vertical	PK	PASS
2	20761.552	-56.41	-47.58	8.83	-40.00	7.58	Vertical	PK	PASS
3	22765.053	-58.21	-46.08	12.13	-40.00	6.08	Vertical	PK	PASS

FCC PART 27

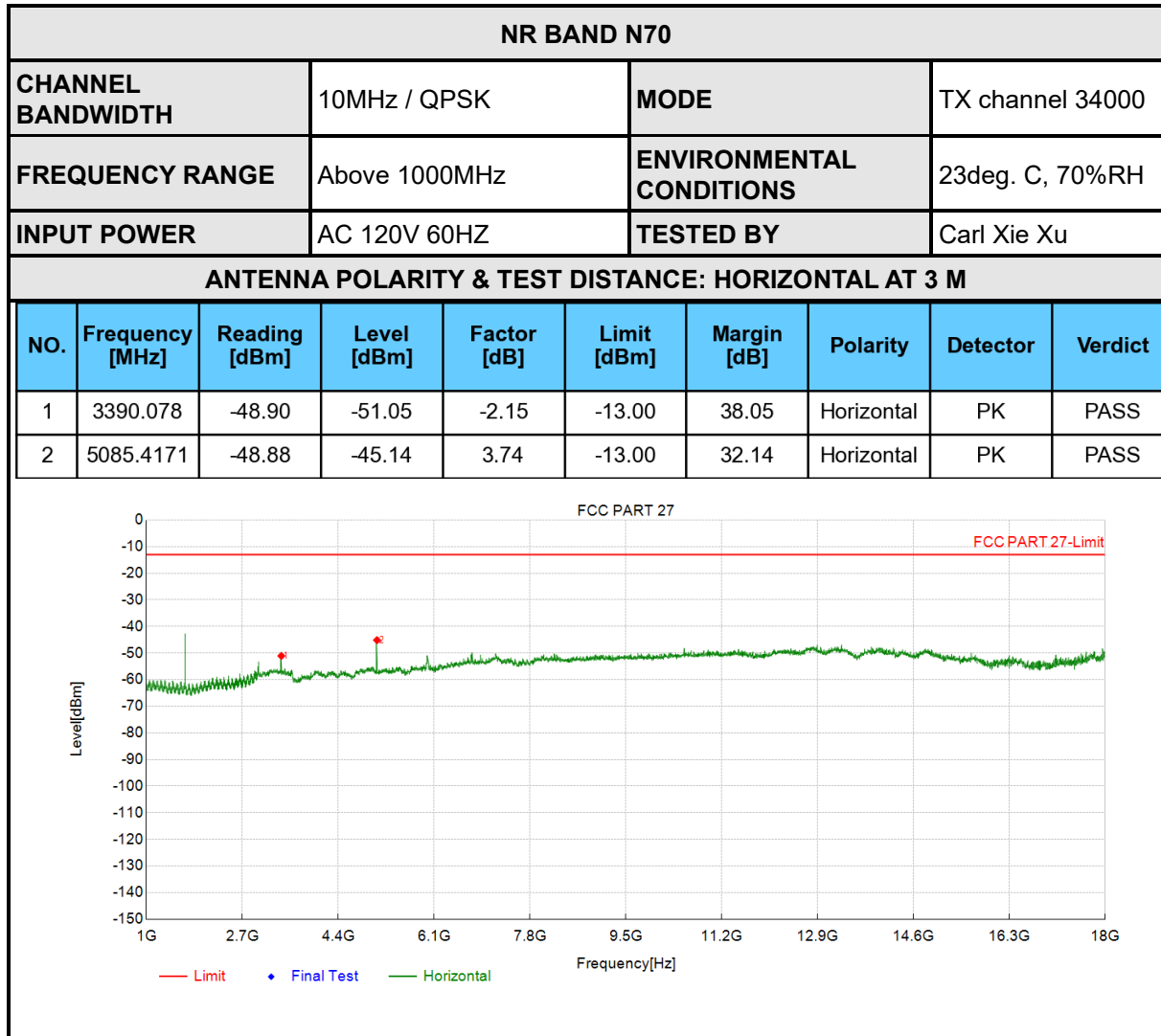
Level[dBm]

Frequency[Hz]

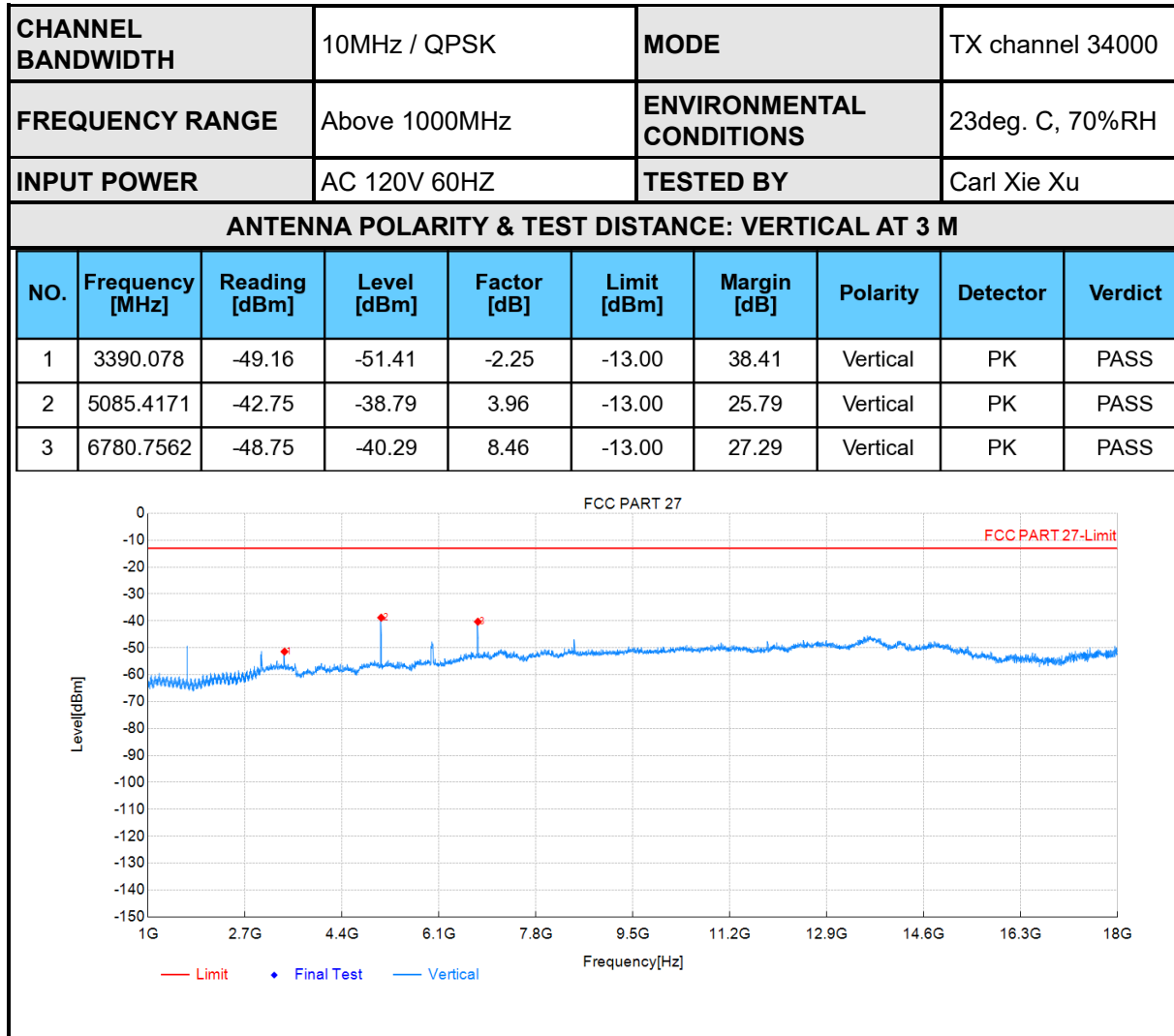
— Limit • Final Test — Vertical

FCC PART 27-Limit

Test Report No.: RF260623B005



Test Report No.: RF260623B005

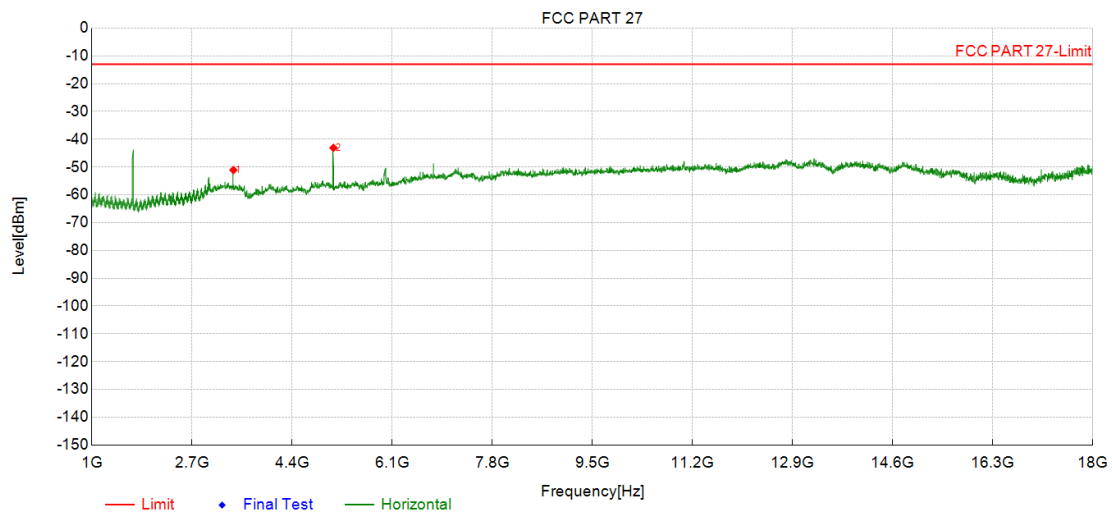


Test Report No.: RF260623B005

CHANNEL BANDWIDTH	10MHz / QPSK	MODE	TX channel 341000
FREQUENCY RANGE	Above 1000MHz	ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH
INPUT POWER	AC 120V 60HZ	TESTED BY	Carl Xie Xu

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M

NO.	Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
1	3402.0804	-48.93	-51.07	-2.14	-13.00	38.07	Horizontal	PK	PASS
2	5100.4201	-46.78	-43.07	3.71	-13.00	30.07	Horizontal	PK	PASS



Test Report No.: RF260623B005

CHANNEL BANDWIDTH		10MHz / QPSK		MODE		TX channel 341000			
FREQUENCY RANGE		Above 1000MHz		ENVIRONMENTAL CONDITIONS		23deg. C, 70%RH			
INPUT POWER		AC 120V 60HZ		TESTED BY		Carl Xie Xu			
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M									
NO.	Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
1	3402.0804	-49.65	-51.90	-2.25	-13.00	38.90	Vertical	PK	PASS
2	5100.4201	-44.74	-40.78	3.96	-13.00	27.78	Vertical	PK	PASS
3	6801.7604	-49.32	-40.88	8.44	-13.00	27.88	Vertical	PK	PASS

FCC PART 27

Legend: — Limit • Final Test — Vertical

Test Report No.: RF260623B005

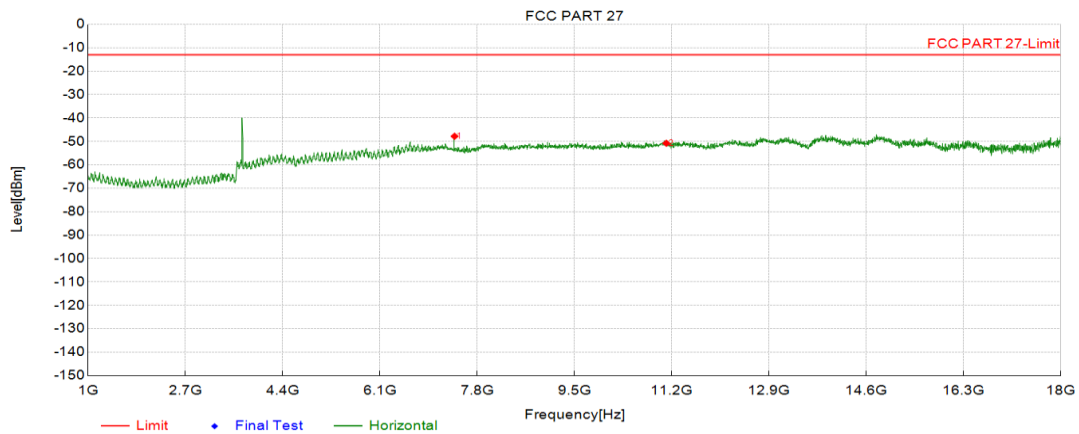
NR Band N770

CHANNEL BANDWIDTH	20MHz / QPSK	MODE	TX channel 647334
FREQUENCY RANGE	Above 1000MHz	ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH
INPUT POWER	AC 120V 60HZ	TESTED BY	Carl Xie Xu
TESTED BY	Carl Xie Xu		

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M

Data List

NO.	Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
1	7403.4807	-56.61	-47.81	8.80	-13.00	34.81	Horizon	PK	PASS
2	11103.4207	-65.19	-50.78	14.41	-13.00	37.78	Horizon	PK	PASS



Test Report No.: RF260623B005

CHANNEL BANDWIDTH	20MHz / QPSK	MODE	TX channel 647334						
FREQUENCY RANGE	Above 1000MHz	ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH						
INPUT POWER	AC 120V 60HZ	TESTED BY	Carl Xie Xu						
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M									
Data List									
NO.	Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
1	7403.4807	-54.13	-45.12	9.01	-13.00	32.12	Vertical	PK	PASS
2	11103.4207	-63.84	-49.25	14.59	-13.00	36.25	Vertical	PK	PASS

FCC PART 27

Legend: — Limit ♦ Final Test — Vertical

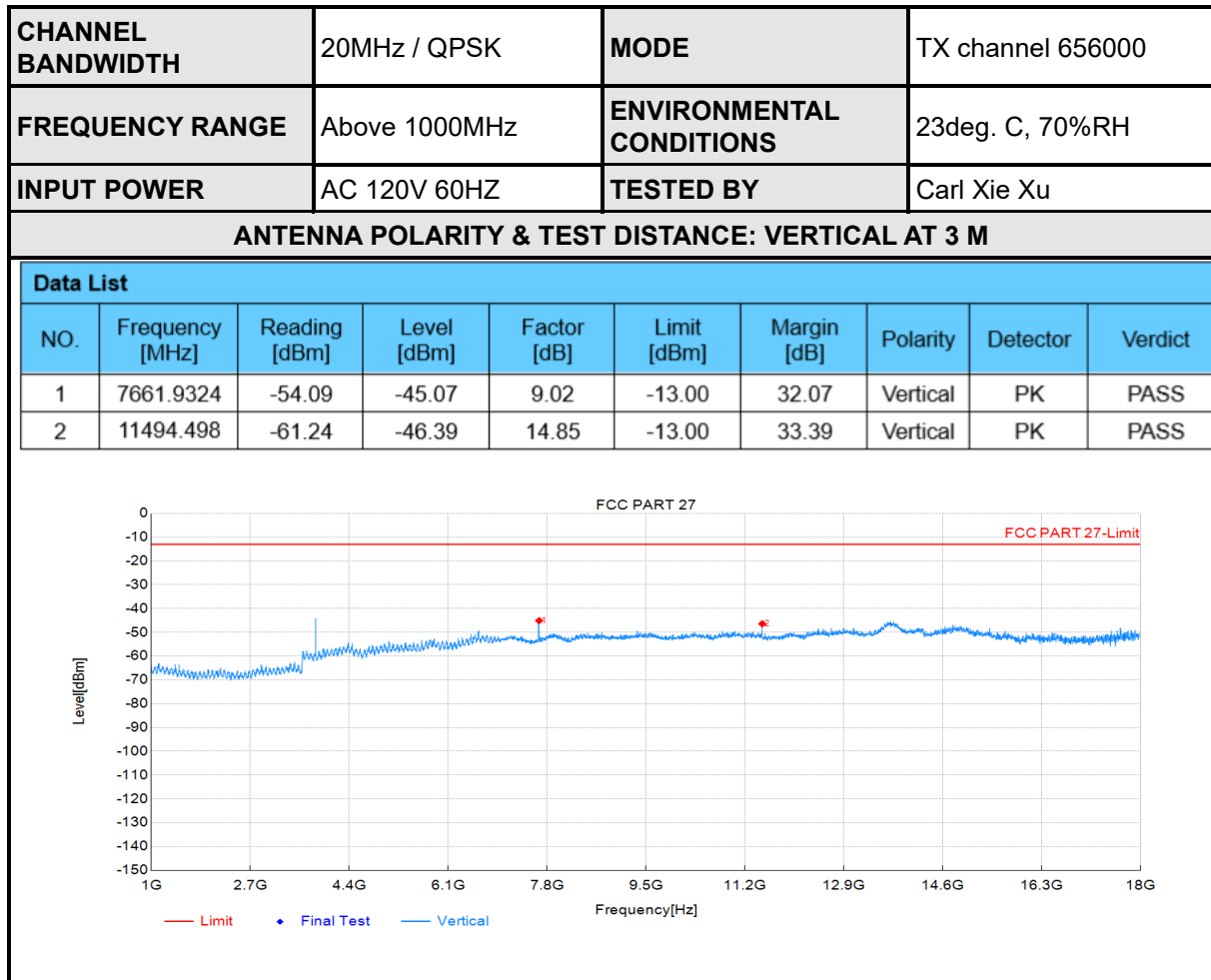
Test Report No.: RF260623B005

CHANNEL BANDWIDTH	20MHz / QPSK	MODE	TX channel 656000						
FREQUENCY RANGE	Above 1000MHz	ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH						
INPUT POWER	AC 120V 60HZ	TESTED BY	Carl Xie Xu						
ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M									
Data List									
NO.	Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
1	7661.9324	-58.44	-49.64	8.80	-13.00	36.64	Horizon	PK	PASS
2	11491.098	-65.40	-50.15	15.25	-13.00	37.15	Horizon	PK	PASS

FCC PART 27

Legend: — Limit ♦ Final Test — Horizontal

Test Report No.: RF260623B005



Test Report No.: RF260623B005

CHANNEL BANDWIDTH	20MHz / QPSK	MODE	TX channel 664666						
FREQUENCY RANGE	Above 1000MHz	ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH						
INPUT POWER	AC 120V 60HZ	TESTED BY	Carl Xie Xu						
ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M									
Data List									
NO.	Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
1	7927.1854	-62.12	-52.26	9.86	-13.00	39.26	Horizon	PK	PASS
2	11888.977	-67.03	-52.34	14.69	-13.00	39.34	Horizon	PK	PASS

FCC PART 27

Level[dBm]

Frequency[Hz]

Limit Final Test Horizontal

FCC PART 27-Limit

Test Report No.: RF260623B005

CHANNEL BANDWIDTH	20MHz / QPSK	MODE	TX channel 664666						
FREQUENCY RANGE	Above 1000MHz	ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH						
INPUT POWER	AC 120V 60HZ	TESTED BY	Carl Xie Xu						
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M									
Data List									
NO.	Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
1	7920.3841	-55.83	-45.52	10.31	-13.00	32.52	Vertical	PK	PASS
2	11882.176	-60.14	-44.80	15.34	-13.00	31.80	Vertical	PK	PASS

FCC PART 27

Level[dBm]

Frequency[Hz]

— Limit • Final Test — Vertical

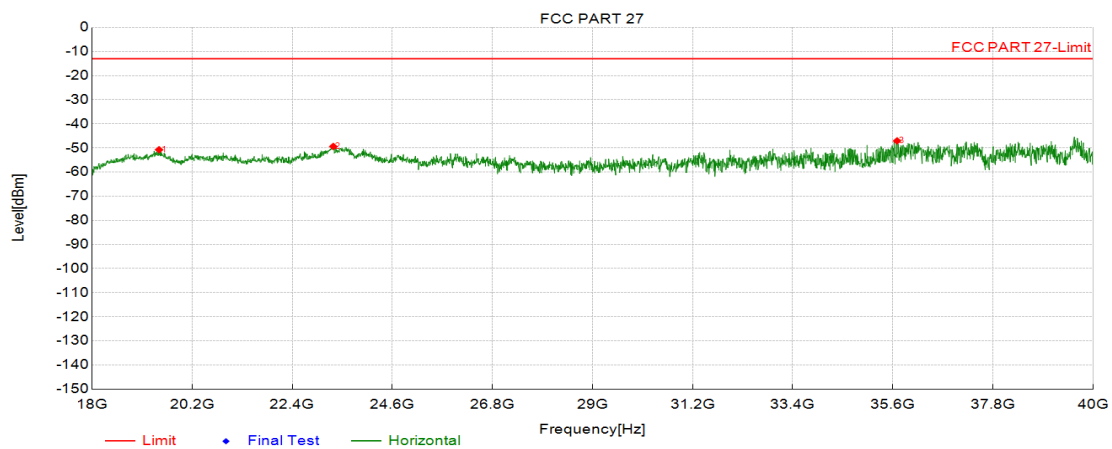
Test Report No.: RF260623B005

CHANNEL BANDWIDTH	20MHz / QPSK	MODE	TX channel 664666
FREQUENCY RANGE	18G-40G	ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH
INPUT POWER	AC 120V 60HZ	TESTED BY	Carl Xie Xu

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M

Data List

NO.	Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
1	19474.491	-60.04	-50.72	9.32	-13.00	37.72	Horizon	PK	PASS
2	23303.767	-65.01	-49.35	15.66	-13.00	36.35	Horizon	PK	PASS
3	35693.898	-63.57	-47.04	16.53	-13.00	34.04	Horizon	PK	PASS



Test Report No.: RF260623B005

CHANNEL BANDWIDTH	20MHz / QPSK	MODE	TX channel 664666						
FREQUENCY RANGE	18G-40G	ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH						
INPUT POWER	AC 120V 60HZ	TESTED BY	Carl Xie Xu						
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M									
Data List									
NO.	Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
1	19320.440	-60.91	-53.47	7.44	-13.00	40.47	Vertical	PK	PASS
2	23325.775	-64.49	-51.42	13.07	-13.00	38.42	Vertical	PK	PASS
3	36610.870	-62.61	-48.37	14.24	-13.00	35.37	Vertical	PK	PASS

FCC PART 27

Level[dBm]

Frequency[Hz]

— Limit • Final Test — Vertical

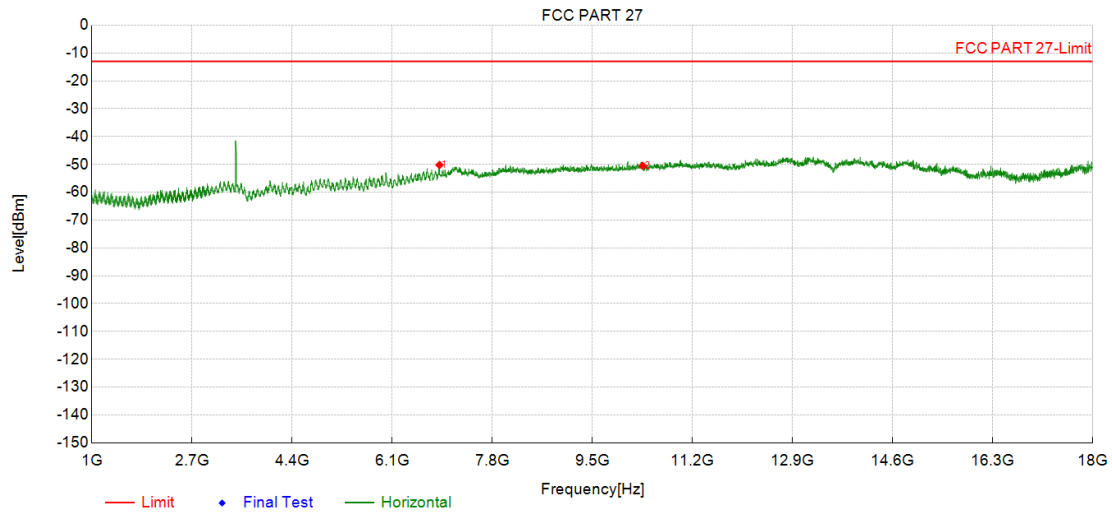
Test Report No.: RF260623B005

NR Band N770 (HPUE)

CHANNEL BANDWIDTH	20MHz / QPSK	MODE	TX channel 647334
FREQUENCY RANGE	Above 1000MHz	ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH
INPUT POWER	AC 120V 60HZ	TESTED BY	Carl Xie Xu
TESTED BY	Carl Xie Xu		

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M

NO.	Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
1	6900.7802	-58.45	-50.20	8.25	-13.00	37.20	Horizontal	PK	PASS
2	10351.4703	-63.65	-50.51	13.14	-13.00	37.51	Horizontal	PK	PASS



Test Report No.: RF260623B005

CHANNEL BANDWIDTH		20MHz / QPSK		MODE		TX channel 647334			
FREQUENCY RANGE		Above 1000MHz		ENVIRONMENTAL CONDITIONS		23deg. C, 70%RH			
INPUT POWER		AC 120V 60HZ		TESTED BY		Carl Xie Xu			
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M									
NO.	Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
1	6900.7802	-56.98	-48.54	8.44	-13.00	35.54	Vertical	PK	PASS
2	10351.4703	-61.65	-47.95	13.70	-13.00	34.95	Vertical	PK	PASS

FCC PART 27

Legend: — Limit ♦ Final Test — Vertical

Test Report No.: RF260623B005

CHANNEL BANDWIDTH		20MHz / QPSK		MODE		TX channel 656000			
FREQUENCY RANGE		Above 1000MHz		ENVIRONMENTAL CONDITIONS		23deg. C, 70%RH			
INPUT POWER		AC 120V 60HZ		TESTED BY		Carl Xie Xu			
ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M									
NO.	Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
1	6981.7964	-57.31	-49.09	8.22	-13.00	36.09	Horizontal	PK	PASS
2	10477.4955	-64.72	-51.29	13.43	-13.00	38.29	Horizontal	PK	PASS

FCC PART 27

Level[dBm]

Frequency[Hz]

Limit Final Test Horizontal

Test Report No.: RF260623B005

CHANNEL BANDWIDTH		20MHz / QPSK		MODE		TX channel 656000			
FREQUENCY RANGE		Above 1000MHz		ENVIRONMENTAL CONDITIONS		23deg. C, 70%RH			
INPUT POWER		AC 120V 60HZ		TESTED BY		Carl Xie Xu			
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M									
NO.	Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
1	6981.7964	-54.21	-45.78	8.43	-13.00	32.78	Vertical	PK	PASS
2	10477.4955	-64.49	-50.73	13.76	-13.00	37.73	Vertical	PK	PASS

FCC PART 27

Legend: — Limit ♦ Final Test — Vertical

Test Report No.: RF260623B005

CHANNEL BANDWIDTH		20MHz / QPSK		MODE		TX channel 664666			
FREQUENCY RANGE		Above 1000MHz		ENVIRONMENTAL CONDITIONS		23deg. C, 70%RH			
INPUT POWER		AC 120V 60HZ		TESTED BY		Carl Xie Xu			
ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M									
NO.	Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
1	7062.8126	-57.63	-48.98	8.65	-13.00	35.98	Horizontal	PK	PASS
2	10594.5189	-64.41	-50.42	13.99	-13.00	37.42	Horizontal	PK	PASS

FCC PART 27

Level[dBm]

Frequency[Hz]

Limit Final Test Horizontal

Test Report No.: RF260623B005

CHANNEL BANDWIDTH		20MHz / QPSK		MODE		TX channel 664666			
FREQUENCY RANGE		Above 1000MHz		ENVIRONMENTAL CONDITIONS		23deg. C, 70%RH			
INPUT POWER		AC 120V 60HZ		TESTED BY		Carl Xie Xu			
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M									
NO.	Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
1	7062.8126	-52.98	-44.13	8.85	-13.00	31.13	Vertical	PK	PASS
2	10594.5189	-64.00	-50.13	13.87	-13.00	37.13	Vertical	PK	PASS

FCC PART 27

Legend: — Limit ♦ Final Test — Vertical

Test Report No.: RF260623B005

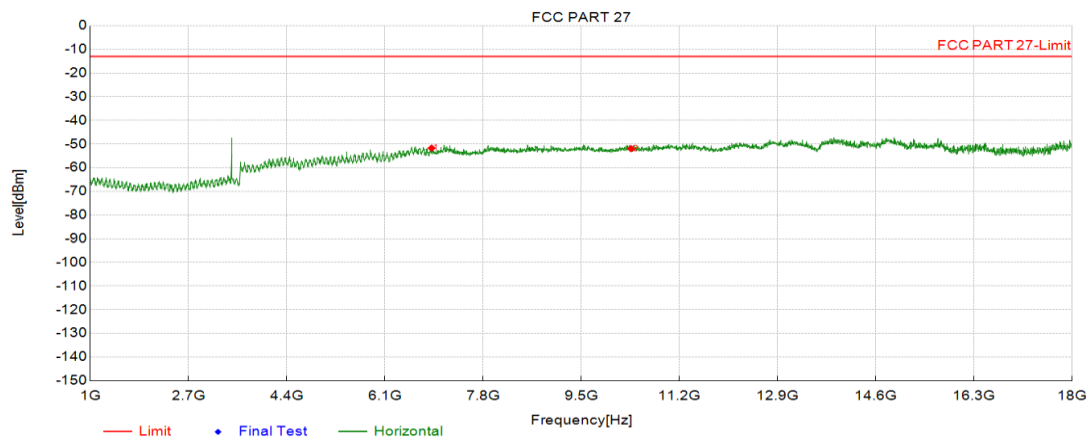
NR Band N77Q

CHANNEL BANDWIDTH	20MHz / QPSK	MODE	TX channel 630668
FREQUENCY RANGE	Above 1000MHz	ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH
INPUT POWER	AC 120V 60HZ	TESTED BY	Carl Xie Xu
TESTED BY	Carl Xie Xu		

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M

Data List

NO.	Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
1	6906.9814	-59.96	-51.72	8.24	-13.00	38.72	Horizon	PK	PASS
2	10358.671	-65.07	-51.95	13.12	-13.00	38.95	Horizon	PK	PASS



Test Report No.: RF260623B005

CHANNEL BANDWIDTH	20MHz / QPSK	MODE	TX channel 630668						
FREQUENCY RANGE	Above 1000MHz	ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH						
INPUT POWER	AC 120V 60HZ	TESTED BY	Carl Xie Xu						
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M									
Data List									
NO.	Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
1	6900.18	-57.03	-48.59	8.44	-13.00	35.59	Vertical	PK	PASS
2	10358.671	-64.35	-50.64	13.71	-13.00	37.64	Vertical	PK	PASS

FCC PART 27

Legend: — Limit • Final Test — Vertical

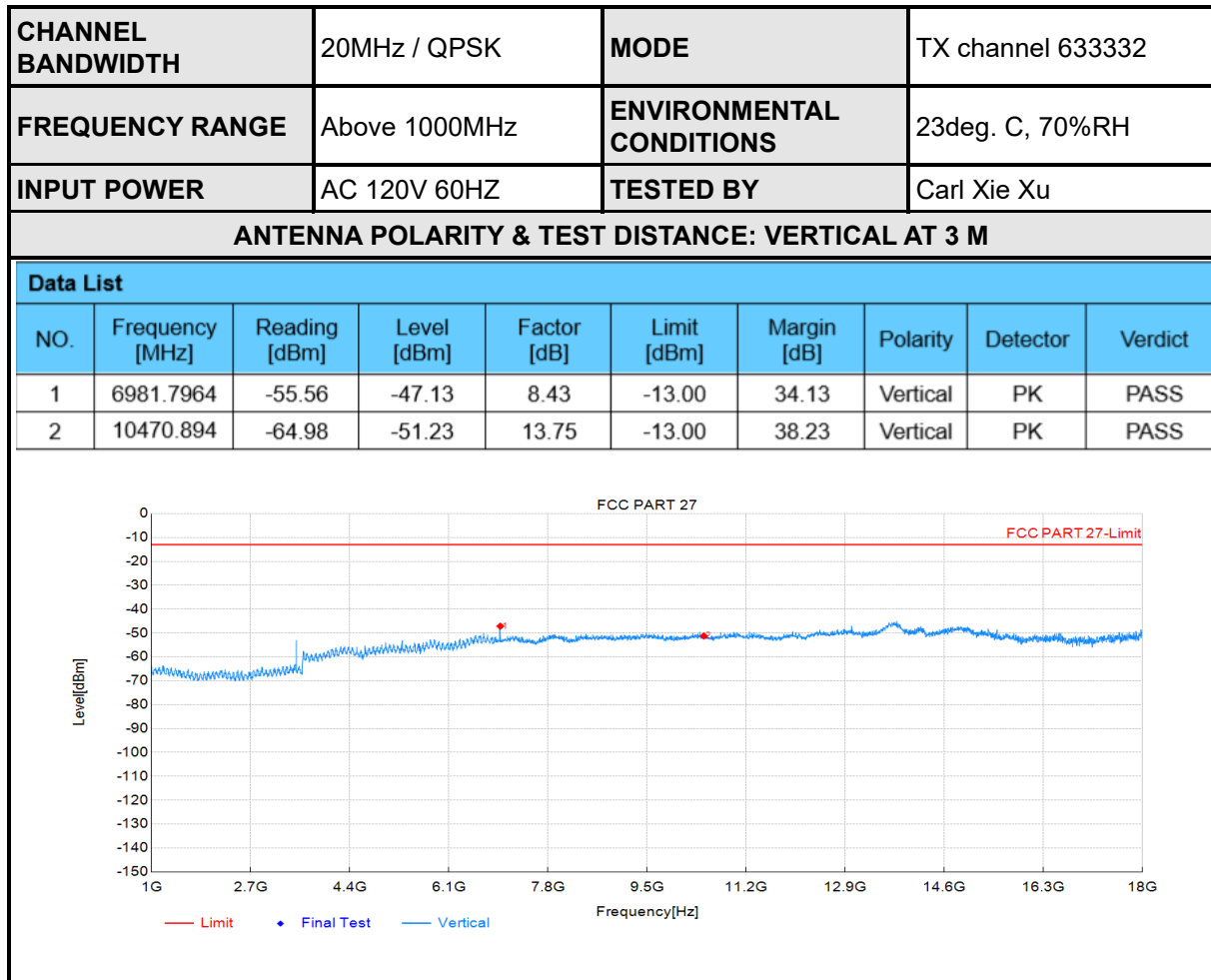
Test Report No.: RF260623B005

CHANNEL BANDWIDTH	20MHz / QPSK	MODE	TX channel 633332						
FREQUENCY RANGE	Above 1000MHz	ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH						
INPUT POWER	AC 120V 60HZ	TESTED BY	Carl Xie Xu						
ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M									
Data List									
NO.	Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
1	6981.7964	-57.88	-49.66	8.22	-13.00	36.66	Horizon	PK	PASS
2	10481.096	-65.24	-51.79	13.45	-13.00	38.79	Horizon	PK	PASS

FCC PART 27

Legend: — Limit ♦ Final Test — Horizontal

Test Report No.: RF260623B005



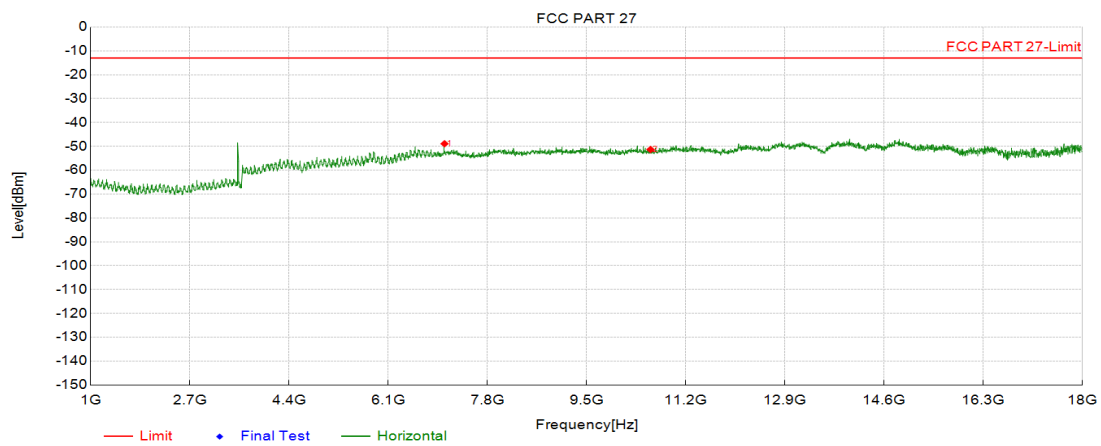
Test Report No.: RF260623B005

CHANNEL BANDWIDTH	20MHz / QPSK	MODE	TX channel 636000
FREQUENCY RANGE	Above 1000MHz	ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH
INPUT POWER	AC 120V 60HZ	TESTED BY	Carl Xie Xu

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M

Data List

NO.	Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
1	7063.4127	-57.55	-48.90	8.65	-13.00	35.90	Horizon	PK	PASS
2	10593.318	-65.30	-51.31	13.99	-13.00	38.31	Horizon	PK	PASS



Test Report No.: RF260623B005

CHANNEL BANDWIDTH	20MHz / QPSK	MODE	TX channel 636000						
FREQUENCY RANGE	Above 1000MHz	ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH						
INPUT POWER	AC 120V 60HZ	TESTED BY	Carl Xie Xu						
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M									
Data List									
NO.	Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
1	7063.4127	-55.29	-46.44	8.85	-13.00	33.44	Vertical	PK	PASS
2	10593.318	-65.01	-51.14	13.87	-13.00	38.14	Vertical	PK	PASS

FCC PART 27

Legend: — Limit ♦ Final Test — Vertical

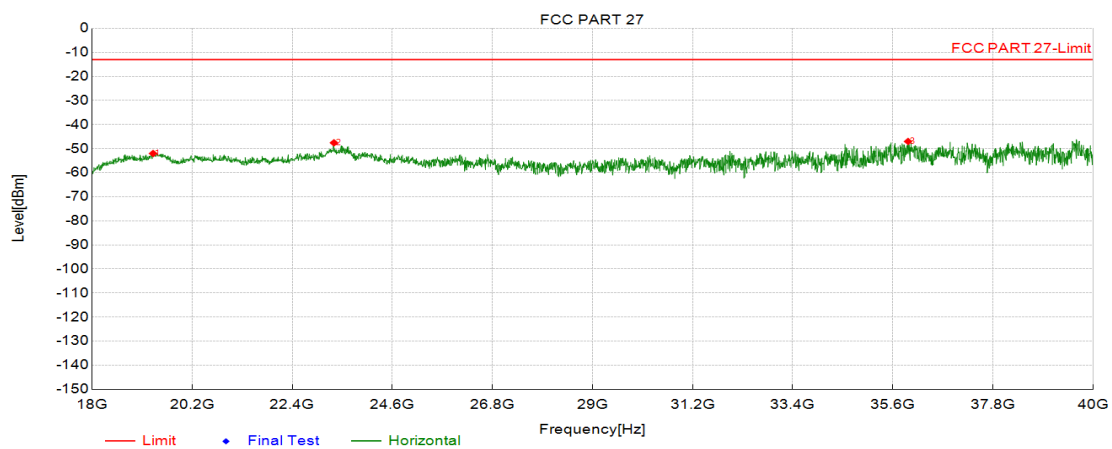
Test Report No.: RF260623B005

CHANNEL BANDWIDTH	20MHz / QPSK	MODE	TX channel 636000
FREQUENCY RANGE	18G-40G	ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH
INPUT POWER	AC 120V 60HZ	TESTED BY	Carl Xie Xu

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M

Data List

NO.	Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
1	19342.447	-61.04	-52.00	9.04	-13.00	39.00	Horizon	PK	PASS
2	23318.439	-63.21	-47.57	15.64	-13.00	34.57	Horizon	PK	PASS
3	35935.978	-63.74	-47.01	16.73	-13.00	34.01	Horizon	PK	PASS



Test Report No.: RF260623B005

CHANNEL BANDWIDTH	20MHz / QPSK	MODE	TX channel 636000						
FREQUENCY RANGE	18G-40G	ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH						
INPUT POWER	AC 120V 60HZ	TESTED BY	Carl Xie Xu						
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M									
Data List									
NO.	Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
1	19525.841	-60.77	-53.20	7.57	-13.00	40.20	Vertical	PK	PASS
2	23296.432	-64.79	-51.67	13.12	-13.00	38.67	Vertical	PK	PASS
3	38437.479	-60.18	-47.95	12.23	-13.00	34.95	Vertical	PK	PASS

FCC PART 27

Legend: — Limit • Final Test — Vertical

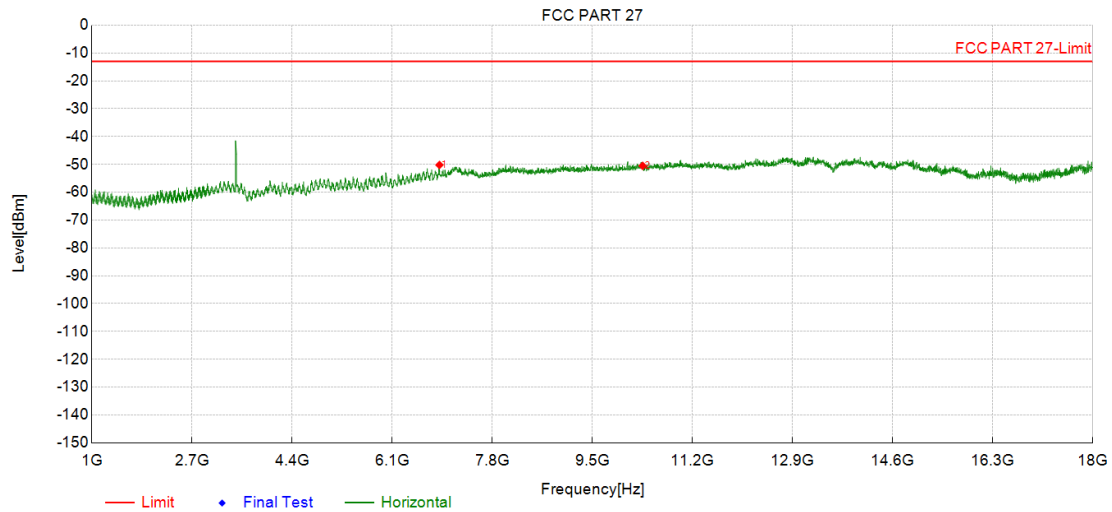
Test Report No.: RF260623B005

NR Band N77Q(HPUE)

CHANNEL BANDWIDTH	20MHz / QPSK	MODE	TX channel 630668
FREQUENCY RANGE	Above 1000MHz	ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH
INPUT POWER	AC 120V 60HZ	TESTED BY	Carl Xie Xu
TESTED BY	Carl Xie Xu		

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M

NO.	Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
1	6900.7802	-58.45	-50.20	8.25	-13.00	37.20	Horizontal	PK	PASS
2	10351.4703	-63.65	-50.51	13.14	-13.00	37.51	Horizontal	PK	PASS



Test Report No.: RF260623B005

CHANNEL BANDWIDTH		20MHz / QPSK		MODE		TX channel 630668			
FREQUENCY RANGE		Above 1000MHz		ENVIRONMENTAL CONDITIONS		23deg. C, 70%RH			
INPUT POWER		AC 120V 60HZ		TESTED BY		Carl Xie Xu			
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M									
NO.	Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
1	6900.7802	-56.98	-48.54	8.44	-13.00	35.54	Vertical	PK	PASS
2	10351.4703	-61.65	-47.95	13.70	-13.00	34.95	Vertical	PK	PASS

FCC PART 27

Legend: — Limit ♦ Final Test — Vertical

Test Report No.: RF260623B005

CHANNEL BANDWIDTH		20MHz / QPSK		MODE		TX channel 633332			
FREQUENCY RANGE		Above 1000MHz		ENVIRONMENTAL CONDITIONS		23deg. C, 70%RH			
INPUT POWER		AC 120V 60HZ		TESTED BY		Carl Xie Xu			
ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M									
NO.	Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
1	6981.7964	-57.31	-49.09	8.22	-13.00	36.09	Horizontal	PK	PASS
2	10477.4955	-64.72	-51.29	13.43	-13.00	38.29	Horizontal	PK	PASS

FCC PART 27

Legend: — Limit ♦ Final Test — Horizontal

Test Report No.: RF260623B005

CHANNEL BANDWIDTH		20MHz / QPSK		MODE		TX channel 633332			
FREQUENCY RANGE		Above 1000MHz		ENVIRONMENTAL CONDITIONS		23deg. C, 70%RH			
INPUT POWER		AC 120V 60HZ		TESTED BY		Carl Xie Xu			
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M									
NO.	Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
1	6981.7964	-54.21	-45.78	8.43	-13.00	32.78	Vertical	PK	PASS
2	10477.4955	-64.49	-50.73	13.76	-13.00	37.73	Vertical	PK	PASS

FCC PART 27

Legend: — Limit ♦ Final Test — Vertical

Test Report No.: RF260623B005

CHANNEL BANDWIDTH		20MHz / QPSK		MODE		TX channel 636000			
FREQUENCY RANGE		Above 1000MHz		ENVIRONMENTAL CONDITIONS		23deg. C, 70%RH			
INPUT POWER		AC 120V 60HZ		TESTED BY		Carl Xie Xu			
ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M									
NO.	Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
1	7062.8126	-57.63	-48.98	8.65	-13.00	35.98	Horizontal	PK	PASS
2	10594.5189	-64.41	-50.42	13.99	-13.00	37.42	Horizontal	PK	PASS

FCC PART 27

Legend: — Limit ◆ Final Test — Horizontal

Test Report No.: RF260623B005

CHANNEL BANDWIDTH		20MHz / QPSK		MODE		TX channel 636000			
FREQUENCY RANGE		Above 1000MHz		ENVIRONMENTAL CONDITIONS		23deg. C, 70%RH			
INPUT POWER		AC 120V 60HZ		TESTED BY		Carl Xie Xu			
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M									
NO.	Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
1	7062.8126	-52.98	-44.13	8.85	-13.00	31.13	Vertical	PK	PASS
2	10594.5189	-64.00	-50.13	13.87	-13.00	37.13	Vertical	PK	PASS

FCC PART 27

Legend: — Limit ♦ Final Test — Vertical

Test Report No.: RF260623B005

NR Band N78									
CHANNEL BANDWIDTH	20MHz / QPSK		MODE		TX channel 630668				
FREQUENCY RANGE	Above 1000MHz		ENVIRONMENTAL CONDITIONS		23deg. C, 70%RH				
INPUT POWER	AC 120V 60HZ		TESTED BY		Carl Xie Xu				
TESTED BY	Carl Xie Xu								
ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M									
Data List									
NO.	Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
1	6900.7802	-60.41	-52.16	8.25	-13.00	39.16	Horizon	PK	PASS
2	10351.470	-64.36	-51.22	13.14	-13.00	38.22	Horizon	PK	PASS

FCC PART 27

Level[dBm]

Frequency[Hz]

Limit Final Test Horizontal

FCC PART 27-Limit

Test Report No.: RF260623B005

CHANNEL BANDWIDTH	20MHz / QPSK	MODE	TX channel 630668						
FREQUENCY RANGE	Above 1000MHz	ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH						
INPUT POWER	AC 120V 60HZ	TESTED BY	Carl Xie Xu						
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M									
Data List									
NO.	Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
1	6900.7802	-56.56	-48.12	8.44	-13.00	35.12	Vertical	PK	PASS
2	10351.470	-63.75	-50.05	13.70	-13.00	37.05	Vertical	PK	PASS

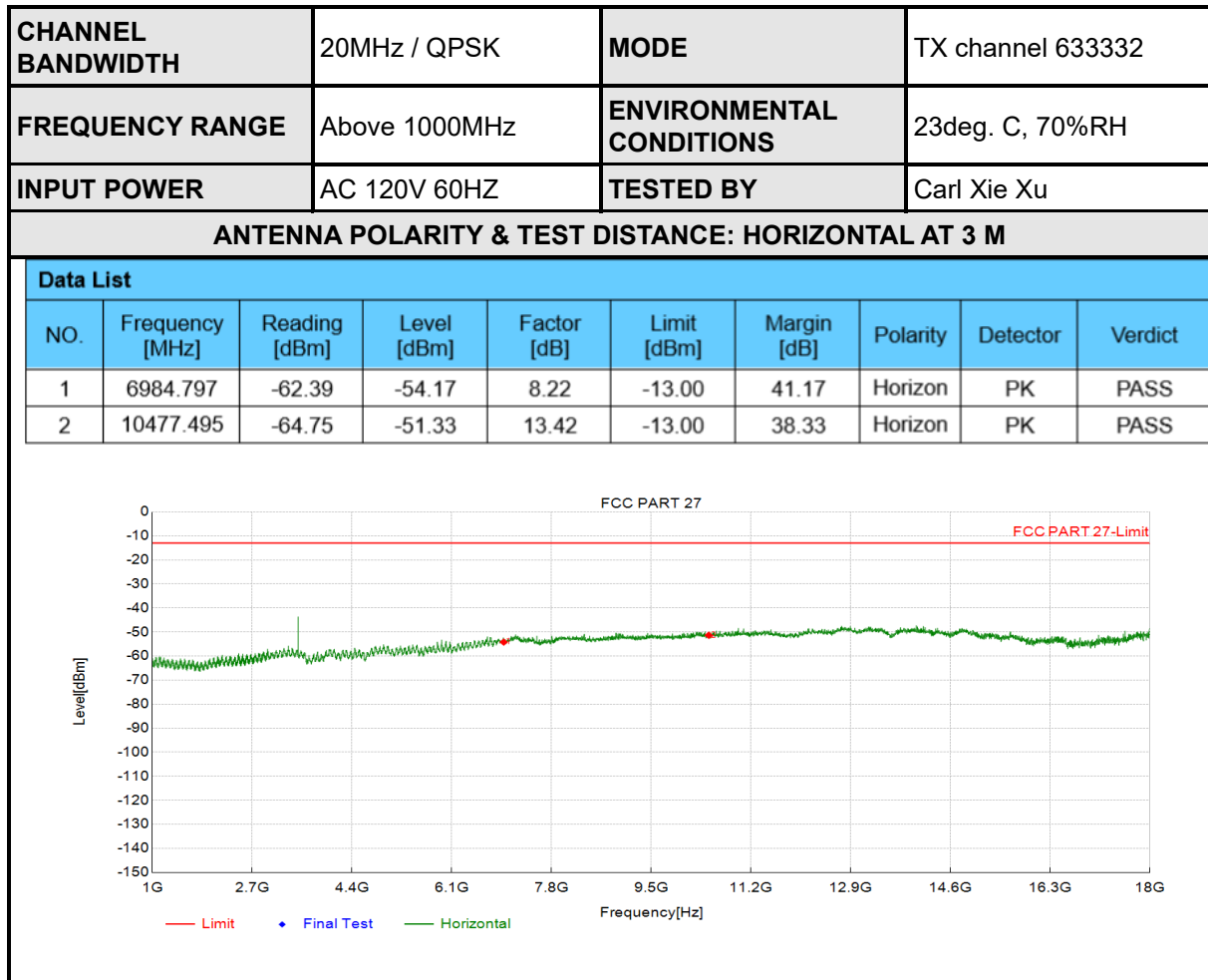
FCC PART 27

Level[dBm]

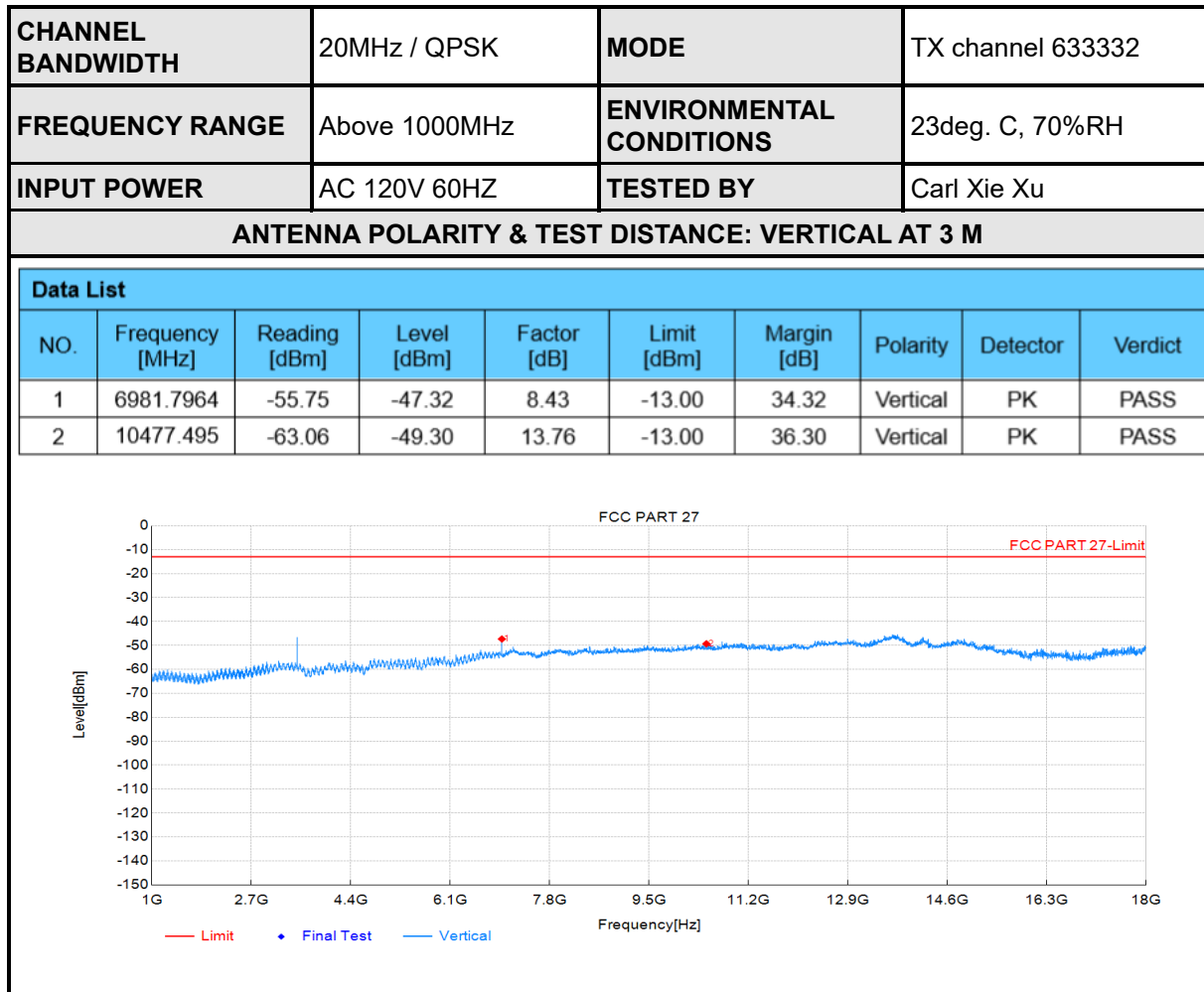
Frequency[Hz]

Legend: — Limit ◆ Final Test — Vertical

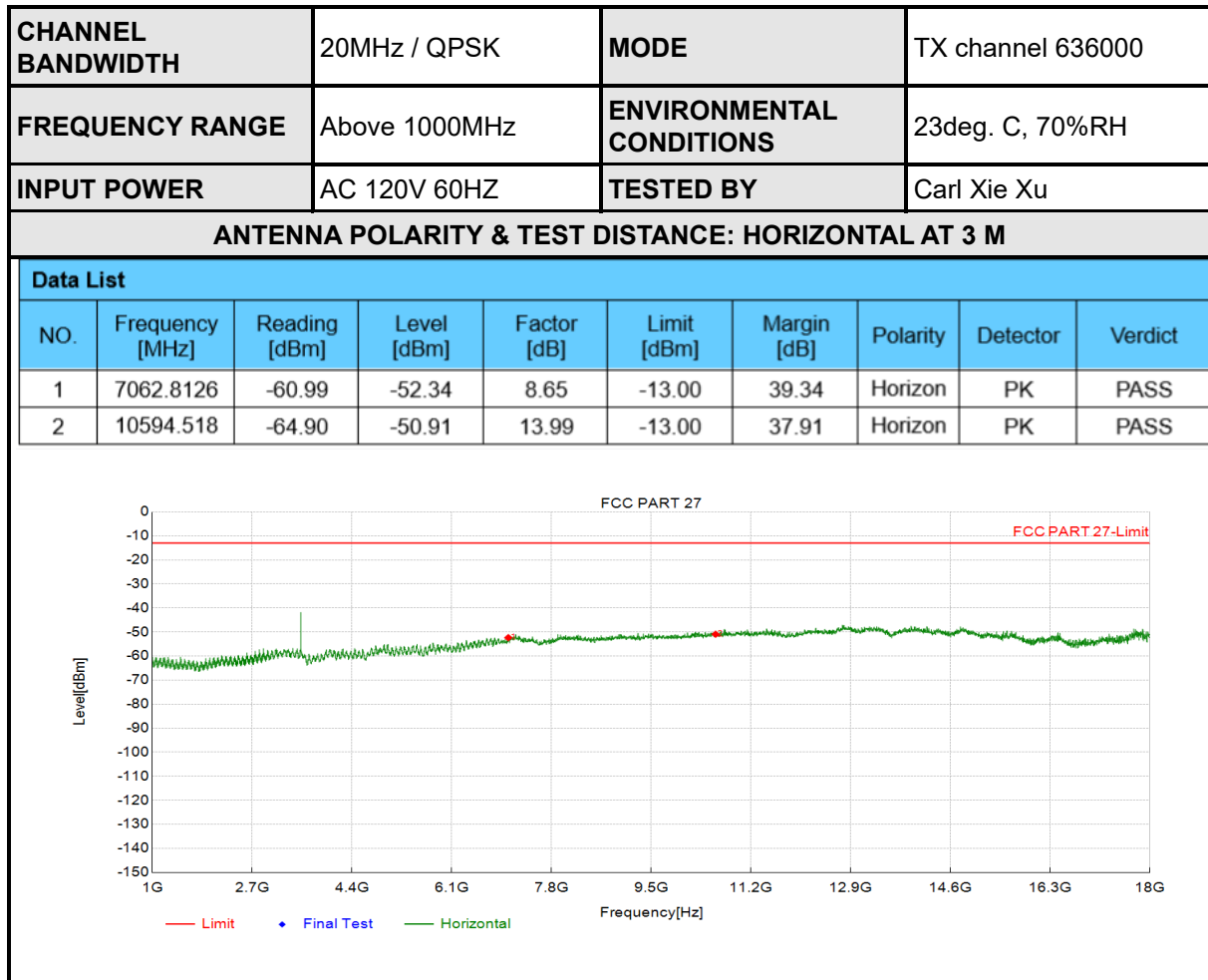
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Test Report No.: RF260623B005



Test Report No.: RF260623B005



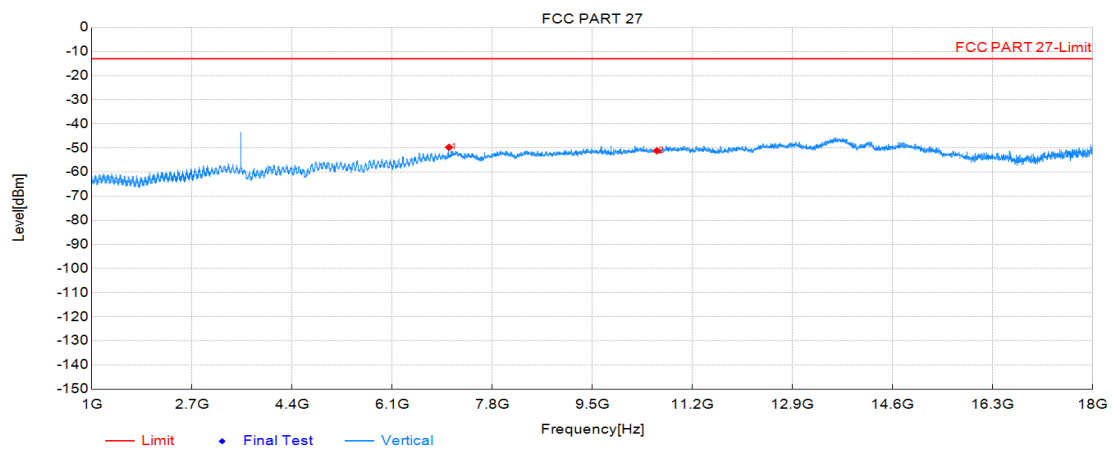
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CHANNEL BANDWIDTH	20MHz / QPSK	MODE	TX channel 636000
FREQUENCY RANGE	Above 1000MHz	ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH
INPUT POWER	AC 120V 60HZ	TESTED BY	Carl Xie Xu

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M

Data List

NO.	Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
1	7062.8126	-58.57	-49.72	8.85	-13.00	36.72	Vertical	PK	PASS
2	10594.518	-65.03	-51.15	13.88	-13.00	38.15	Vertical	PK	PASS



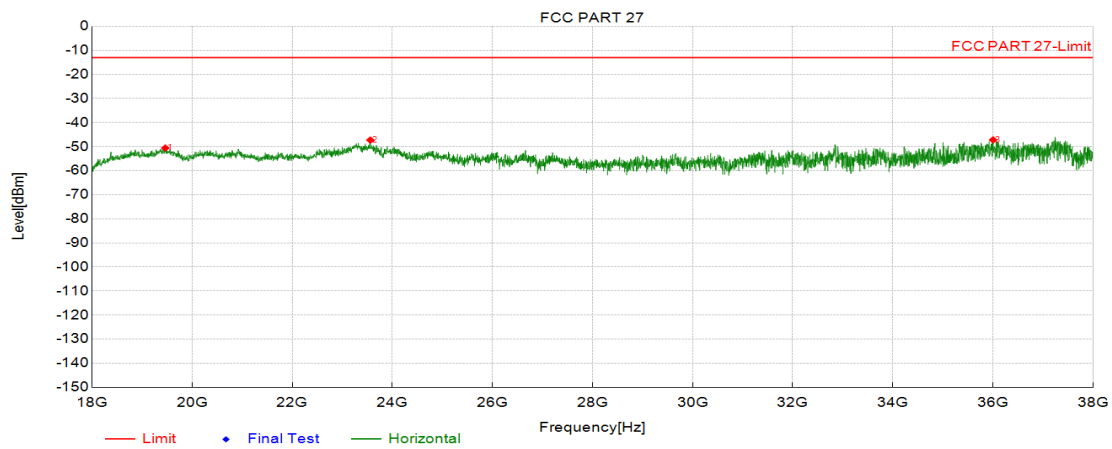
Test Report No.: RF260623B005

CHANNEL BANDWIDTH	20MHz / QPSK	MODE	TX channel 636000
FREQUENCY RANGE	18G-38G	ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH
INPUT POWER	AC 120V 60HZ	TESTED BY	Carl Xie Xu

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M

Data List

NO.	Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
1	19464.292	-59.88	-50.57	9.31	-13.00	37.57	Horizon	PK	PASS
2	23561.112	-64.00	-47.27	16.73	-13.00	34.27	Horizon	PK	PASS
3	36003.600	-64.04	-47.19	16.85	-13.00	34.19	Horizon	PK	PASS



Test Report No.: RF260623B005

CHANNEL BANDWIDTH	20MHz / QPSK	MODE	TX channel 636000						
FREQUENCY RANGE	18G-38G	ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH						
INPUT POWER	AC 120V 60HZ	TESTED BY	Carl Xie Xu						
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M									
Data List									
NO.	Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
1	18908.181	-58.90	-52.23	6.67	-13.00	39.23	Vertical	PK	PASS
2	23233.046	-64.36	-51.15	13.21	-13.00	38.15	Vertical	PK	PASS
3	34671.334	-64.44	-50.32	14.12	-13.00	37.32	Vertical	PK	PASS

FCC PART 27

Level[dBm]

Frequency[Hz]

— Limit • Final Test — Vertical

Test Report No.: RF260623B005

NR Band N78(HPUE)									
CHANNEL BANDWIDTH	20MHz / QPSK		MODE		TX channel 630668				
FREQUENCY RANGE	Above 1000MHz		ENVIRONMENTAL CONDITIONS		23deg. C, 70%RH				
INPUT POWER	AC 120V 60HZ		TESTED BY		Carl Xie Xu				
TESTED BY	Carl Xie Xu								
ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M									
NO.	Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
1	6900.7802	-60.41	-52.16	8.25	-13.00	39.16	Horizontal	PK	PASS
2	10351.4703	-64.36	-51.22	13.14	-13.00	38.22	Horizontal	PK	PASS

FCC PART 27

Level[dBm]

Frequency[Hz]

— Limit • Final Test — Horizontal

FCC PART 27-Limit

Test Report No.: RF260623B005

CHANNEL BANDWIDTH		20MHz / QPSK		MODE		TX channel 630668			
FREQUENCY RANGE		Above 1000MHz		ENVIRONMENTAL CONDITIONS		23deg. C, 70%RH			
INPUT POWER		AC 120V 60HZ		TESTED BY		Carl Xie Xu			
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M									
NO.	Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
1	6900.7802	-56.56	-48.12	8.44	-13.00	35.12	Vertical	PK	PASS
2	10351.4703	-63.75	-50.05	13.70	-13.00	37.05	Vertical	PK	PASS

FCC PART 27

Level[dBm]

Frequency[Hz]

— Limit ♦ Final Test — Vertical

Test Report No.: RF260623B005

CHANNEL BANDWIDTH		20MHz / QPSK		MODE		TX channel 633332			
FREQUENCY RANGE		Above 1000MHz		ENVIRONMENTAL CONDITIONS		23deg. C, 70%RH			
INPUT POWER		AC 120V 60HZ		TESTED BY		Carl Xie Xu			
ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M									
NO.	Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
1	6981.7964	-56.35	-48.13	8.22	-13.00	35.13	Horizontal	PK	PASS
2	10477.4955	-64.00	-50.58	13.42	-13.00	37.58	Horizontal	PK	PASS

FCC PART 27

Legend: — Limit ♦ Final Test — Horizontal

Test Report No.: RF260623B005

CHANNEL BANDWIDTH		20MHz / QPSK		MODE		TX channel 633332			
FREQUENCY RANGE		Above 1000MHz		ENVIRONMENTAL CONDITIONS		23deg. C, 70%RH			
INPUT POWER		AC 120V 60HZ		TESTED BY		Carl Xie Xu			
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M									
NO.	Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
1	6981.7964	-54.78	-46.35	8.43	-13.00	33.35	Vertical	PK	PASS
2	10477.4955	-64.44	-50.68	13.76	-13.00	37.68	Vertical	PK	PASS

FCC PART 27

Legend: — Limit ♦ Final Test — Vertical

Test Report No.: RF260623B005

CHANNEL BANDWIDTH		20MHz / QPSK		MODE		TX channel 636000			
FREQUENCY RANGE		Above 1000MHz		ENVIRONMENTAL CONDITIONS		23deg. C, 70%RH			
INPUT POWER		AC 120V 60HZ		TESTED BY		Carl Xie Xu			
ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M									
NO.	Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
1	7062.8126	-56.11	-47.46	8.65	-13.00	34.46	Horizontal	PK	PASS
2	10594.5189	-64.33	-50.34	13.99	-13.00	37.34	Horizontal	PK	PASS

FCC PART 27

Legend: — Limit ♦ Final Test — Horizontal

Test Report No.: RF260623B005

CHANNEL BANDWIDTH		20MHz / QPSK		MODE		TX channel 636000			
FREQUENCY RANGE		Above 1000MHz		ENVIRONMENTAL CONDITIONS		23deg. C, 70%RH			
INPUT POWER		AC 120V 60HZ		TESTED BY		Carl Xie Xu			
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M									
NO.	Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
1	7062.8126	-53.31	-44.46	8.85	-13.00	31.46	Vertical	PK	PASS
2	10594.5189	-64.84	-50.97	13.87	-13.00	37.97	Vertical	PK	PASS

FCC PART 27

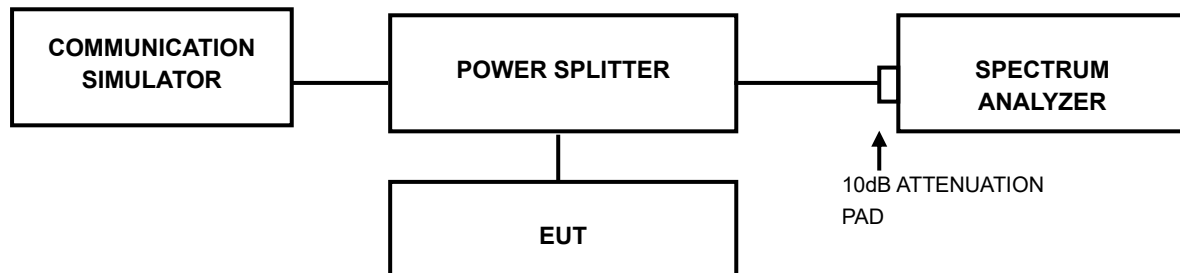
Legend: — Limit ♦ Final Test — Vertical

3.7 PEAK TO AVERAGE RATIO

3.7.1 LIMITS OF PEAK TO AVERAGE RATIO MEASUREMENT

In measuring transmissions in this band using an average power technique, the peak to-average ratio (PAR) of the transmission may not exceed 13 dB

3.7.2 TEST SETUP



3.7.3 TEST PROCEDURES

1. Set resolution/measurement bandwidth $\geq$ signal's occupied bandwidth;
2. Set the number of counts to a value that stabilizes the measured CCDF curve;
3. Record the maximum PAPR level associated with a probability of 0.1%.

3.7.4 TEST RESULTS

Please Refer to single band Appendix C

4 PHOTOGRAPHS OF THE TEST CONFIGURATION

Please refer to the attached file (Test Setup Photo).

5 INFORMATION ON THE TESTING LABORATORIES

We, BOOMWAVE TEST (SHENZHEN) CO., LTD., were founded in 2025 to provide our best service in EMC, Radio, Telecom and Safety consultation. Our laboratories are accredited and approved according to ISO/IEC 17025.

BOOMWAVE TEST (SHENZHEN) CO., LTD.

Lab Address:

Room B38, Warehouse A5(Chiwan No.1), No.3 Chiwan 4th Road, Chiwan Community, Zhaoshang Street, Nanshan District, Shenzhen, Guangdong, P.R. CHINA

Accredited Test Lab Cert 7607.01

Shenzhen EMC/RF Lab:

Mobile: +86 15118052731

Email: shimin.wang@boomwavelab.com

6 MODIFICATIONS RECORDERS FOR ENGINEERING CHANGES TO THE EUT BY THE LAB

No any modifications are made to the EUT by the lab during the test.

--END--